

Converting Colors

XYZ(88.4148, 93.9129,
109.2318)

Have a look what the booklet for
XYZ(88.4148, 93.9129, 109.2318)
contains.

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Color

**XYZ(88.2013, 93.6721,
108.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F9FF
RGB	241, 249, 255
RGB Percent	95%, 98%, 100%
CMY	0.0549, 0.0235, 0.0000
CMYK	0.05, 0.02, 0.00, 0.00
HSL	206°, 100%, 97%
HSV	206°, 5%, 100%
XYZ	88.2013, 93.6721, 108.0396
YIQ	247.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

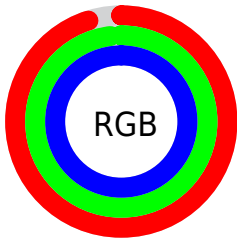
Format	Color
R _Y B	241, 246, 255
Decimal	15858175
CIE Lab	97.50, -1.53, -3.79
CIE LCh	97, 4.089, 248.068
Yxy	93.6721, 0.3042, 0.3231
Android (android.graphics.Color)	4294048255 (0xFFFF1F9FF)
YUV	247.2920, 3.8000, -5.5181
Hunter-Lab	96.7843, -6.7024, 1.5641

Details

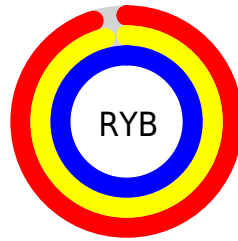
The XYZ color **88.2013, 93.6721, 108.0396** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.3771, 94.1302, 96.6262**, and the grayscale version is **88.6217, 93.2369, 101.5350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2706, 52.5314, 60.9688** is the 20% darker color. If you saturate the color by 10%, you get **76.8215, 82.9422, 106.5683**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

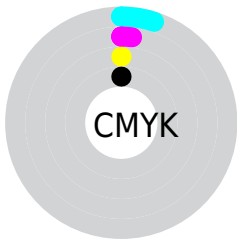
Distribution



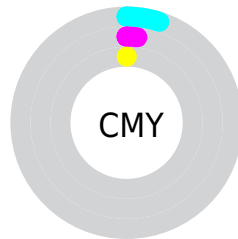
- Red (95%)
- Green (98%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2013, 93.6721, 108.0396 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 88.2013, 93.6721, 108.0396 by changing the saturation by 10% instead.

88.2013, 93.6721,
108.0396

88.2013, 93.6721,
108.0396

510.4878,
539.9051, 607.1377

66.8211, 71.0303,
82.3773

143.7285,
152.4288, 174.3102

49.2094, 52.3669,
61.1390

178.6062,
189.3124, 215.7557

35.0009, 37.2976,
43.9060

218.7138,
231.7121, 263.2992

23.8301, 25.4380,
30.2600

264.4167,
280.0122, 317.3594

15.3317, 16.4037,
19.7823

316.0801,
334.5972, 378.3548

9.1403, 9.8103,
12.0544

374.0696,

4.8907, 5.2733,

395.8514, 446.7040

6.6577

438.7503,
464.1592, 522.8254

■ 2.2173, 2.4085,
3.1738

■ 0.7519, 0.8303,
1.1841

■ 88.2013, 93.6721,
108.0396

■ 88.2013, 93.6721,
108.0396

■ 76.8215, 82.9422,
106.5683

95.0500, 100.0000,
108.9000

■ 66.8002, 73.1964,
105.2153

■ 58.0826, 64.4040,
103.9777

■ 50.6073, 56.5281,
102.8515

■ 44.3072, 49.5289,
101.8325

■ 39.1088, 43.3630,
100.9164

■ 34.9289, 37.9818,
100.0980

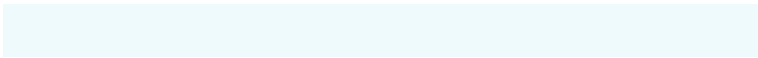
■ 31.6713, 33.3299,
99.3718

■ 29.2175, 29.3402,
98.7310

Harmonies

Analogous

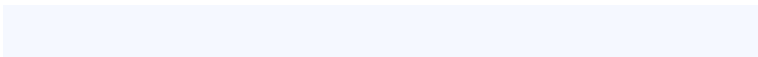
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2865, 93.6721, 105.9863



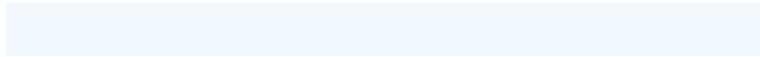
88.2013, 93.6721, 108.0396



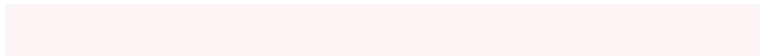
89.3462, 93.6721, 108.4552

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2013, 93.6721, 108.0396



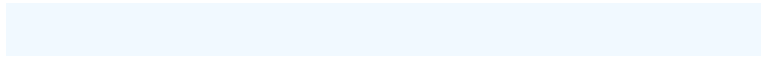
91.2612, 93.6721, 101.0982



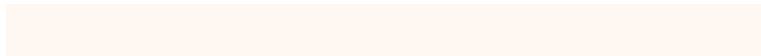
87.6631, 93.6721, 97.0418

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.2013, 93.6721, 108.0396



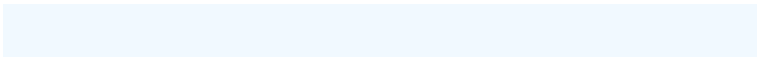
90.3771, 94.1302, 96.6262

Split Complementary

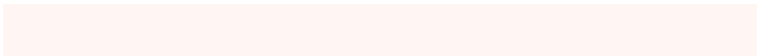
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7195, 93.6721, 95.7927



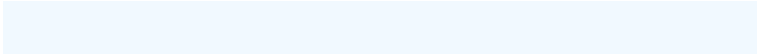
88.2013, 93.6721, 108.0396



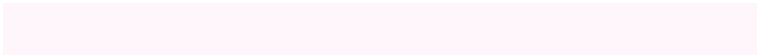
90.8017, 93.6721, 98.1013

Square

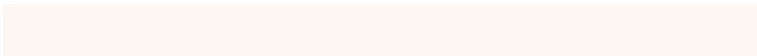
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



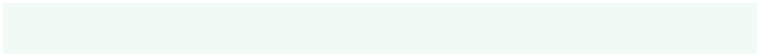
88.2013, 93.6721, 108.0396



91.1195, 93.6721, 104.3997



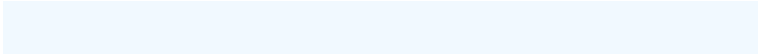
89.8689, 93.6721, 96.1763



86.9776, 93.6721, 99.6236

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



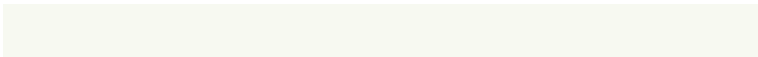
88.2013, 93.6721, 108.0396



90.0871, 93.6721, 107.7393



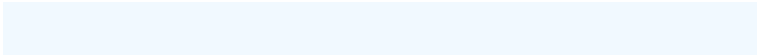
89.8689, 93.6721, 96.1763



87.9862, 93.6721, 96.4547

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.2037, 93.6760, 108.0402



92.5057, 97.6600, 108.5824



88.7992, 96.9263, 101.8902



19.8267, 20.9279, 23.2444



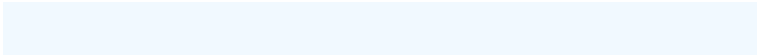
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2037, 93.6760, 108.0402



86.3949, 91.9899, 107.8101



86.1286, 89.5257, 107.3485



18.3393, 19.5468, 23.0563



14.9377, 14.7850, 51.5011



1.5629, 1.6565, 5.0506

Inverse Universe

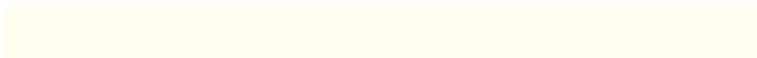
The Inverse Universe completely reimagines the original color for something new.



89.7956, 91.0116, 102.4614



88.4112, 88.6527, 100.7360



92.5065, 98.3890, 97.3360



18.8068, 18.7765, 21.4153



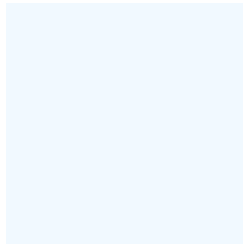
24.3281, 12.2205, 15.6440



2.4235, 1.2118, 1.8115

Previews

White Background



This preview shows how the XYZ color 88.2013, 93.6721, 108.0396 looks on a white background.

Color Contrast Check

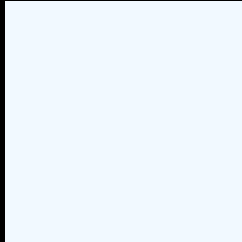
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 88.2013, 93.6721, 108.0396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

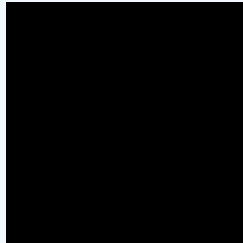
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

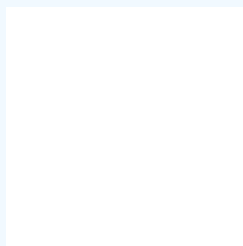
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2013, 93.6721, 108.0396

Background



This preview shows how black text looks on a background with the XYZ color 88.2013, 93.6721, 108.0396.

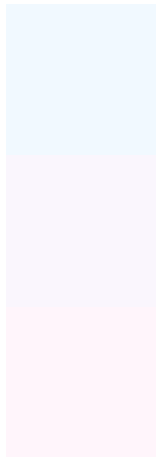


This preview shows how white text looks on a background with the XYZ color 88.2013, 93.6721,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.2013, 93.6721, 108.0396

Protanopia

90.1097, 93.3274, 106.1932

Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

88.2013, 93.6721, 108.0396

Protanomaly

89.5079, 93.4514, 107.0863

Deuteranomaly

89.9508, 93.2638, 105.3563

Tritanomaly

88.9256, 93.5879, 107.9851

Monochromacy



Original Color

88.2013, 93.6721, 108.0396

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4789, 93.4494, 103.8167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2013, 93.6721, 108.0396 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 249, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.2013, 93.6721, 108.0396 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 249, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 249, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2013, 93.6721, 108.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 249, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
249, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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