

Converting Colors

XYZ(91.1470, 93.8265,
122.4104)

Have a look what the booklet for
XYZ(91.1470, 93.8265, 122.4104)
contains.

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Color

**XYZ(88.6190, 92.9746,
107.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F7FF
RGB	244, 247, 255
RGB Percent	96%, 97%, 100%
CMY	0.0431, 0.0314, 0.0000
CMYK	0.04, 0.03, 0.00, 0.00
HSL	224°, 100%, 98%
HSV	224°, 4%, 100%
XYZ	88.6190, 92.9746, 107.8829
YIQ	247.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

Format	Color
R_{YB}	244, 246, 255
Decimal	16054271
CIE _{Lab}	97.22, 0.46, -4.18
CIE _{LCh}	97, 4.209, 276.257
Yxy	92.9746, 0.3061, 0.3212
Android (android.graphics.Color)	4294244351 (0xFF4F7FF)
YUV	247.0150, 3.9366, -2.6442
Hunter-Lab	96.4233, -4.6883, 1.1599

Details

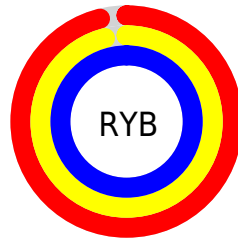
The XYZ color 88.6190, 92.9746, 107.8829 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.3787, 97.4102, 99.5227, and the grayscale version is 88.3940, 92.9974, 101.2741.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5629, 52.0302, 60.8567 is the 20% darker color. If you saturate the color by 10%, you get 74.9867, 77.9488, 105.7011, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

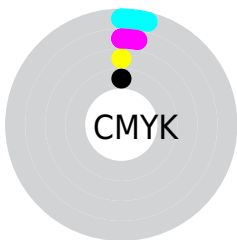
Distribution



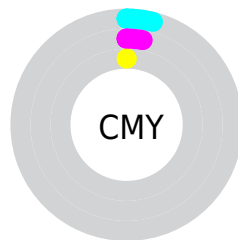
- Red (96%)
- Green (97%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.6190, 92.9746, 107.8829 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 88.6190, 92.9746, 107.8829 by changing the saturation by 10% instead.

88.6190, 92.9746,
107.8829

88.6190, 92.9746,
107.8829

511.8333,
537.6603, 606.6423

67.1683, 70.4504,
82.2465

144.3068,
151.4634, 174.0947

49.4926, 51.8938,
61.0318

179.2745,
188.1969, 215.5071

35.2266, 36.9204,
43.8201

219.4787,
230.4355, 263.0154

24.0048, 25.1459,
30.1929

265.2847,
278.5637, 317.0380

15.4619, 16.1858,
19.7318

317.0578,
332.9659, 377.9934

9.2326, 9.6557,
12.0181

375.1633,

4.9516, 5.1713,

394.0265, 446.3002

6.6333

439.9667,
462.1298, 522.3770

■ 2.2533, 2.3481,
3.1589

■ 0.7706, 0.7990,
1.1763

■ 88.6190, 92.9746,
107.8829

■ 88.6190, 92.9746,
107.8829

■ 74.9867, 77.9488,
105.7011

95.0500, 100.0000,
108.9000

■ 63.0733, 64.6186,
103.7561

■ 52.8105, 52.9261,
102.0401

■ 44.1231, 42.8057,
100.5445

■ 36.9292, 34.1871,
99.2601

■ 31.1395, 26.9941,
98.1769

■ 26.6546, 21.1435,
97.2840

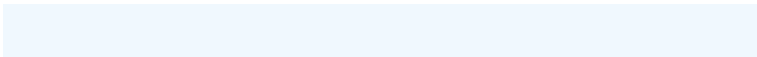
■ 23.3606, 16.5421,
96.5694

■ 21.1212, 13.0820,
96.0196

Harmonies

Analogous

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



87.4522, 92.9746, 107.3463



88.6190, 92.9746, 107.8829



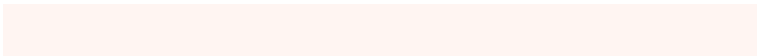
89.7286, 92.9746, 106.6059

Triad

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



88.6190, 92.9746, 107.8829



90.2260, 92.9746, 97.4102



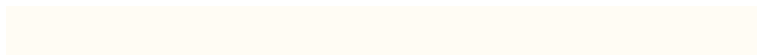
86.2932, 92.9746, 98.6200

Complementary

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



88.6190, 92.9746, 107.8829



92.3787, 97.4102, 99.5227

Split Complementary

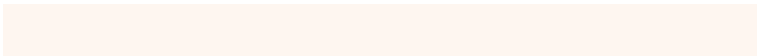
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.0243, 92.9746, 96.0448



88.6190, 92.9746, 107.8829



89.2933, 92.9746, 95.3574

Square

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



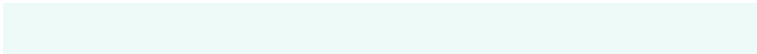
88.6190, 92.9746, 107.8829



90.6618, 92.9746, 100.5215



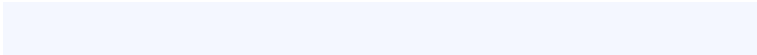
88.1206, 92.9746, 94.8632



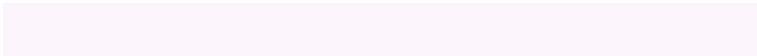
86.1163, 92.9746, 101.9489

Rectangle

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



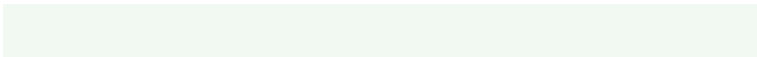
88.6190, 92.9746, 107.8829



90.2844, 92.9746, 104.9144



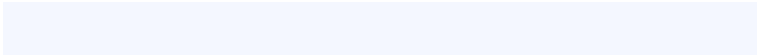
88.1206, 92.9746, 94.8632



86.4820, 92.9746, 97.6398

Sweetspot

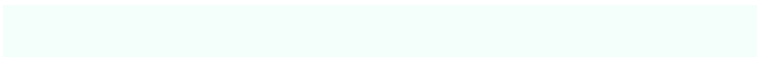
The Sweet Spot groups the original color and five complimentary colors.



88.6214, 92.9785, 107.8835



93.5296, 98.3426, 108.6602



90.6212, 97.7744, 106.0951



20.0352, 21.0669, 23.2603



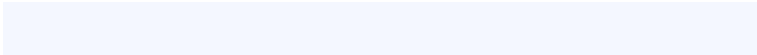
0.0000, 0.0000, 0.0000



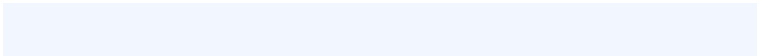
20.3446, 21.4041, 23.3091

Same Dimension

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



88.6214, 92.9785, 107.8835



87.6282, 91.8903, 107.7258



88.5425, 91.5850, 107.6187



18.5405, 19.4319, 23.0235



10.6699, 6.2495, 50.0785



1.1252, 0.7811, 4.9047

Inverse Universe

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



90.3807, 92.6783, 101.1254



89.6601, 91.5506, 99.9189



92.4582, 98.8626, 99.7988



19.0346, 19.3510, 21.1245



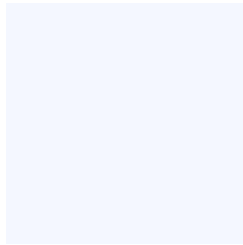
22.1739, 11.3588, 4.3002



2.2026, 1.1234, 0.6481

Previews

White Background



This preview shows how the XYZ color 88.6190, 92.9746, 107.8829 looks on a white background.

Color Contrast Check

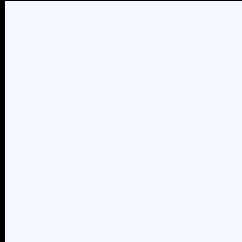
Large Text (above 18pt) WCAG AA × Fail

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 88.6190, 92.9746, 107.8829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

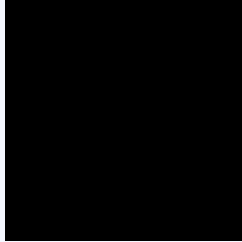
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

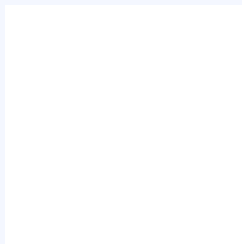
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6190, 92.9746, 107.8829

Background



This preview shows how black text looks on a background with the XYZ color 88.6190, 92.9746, 107.8829.

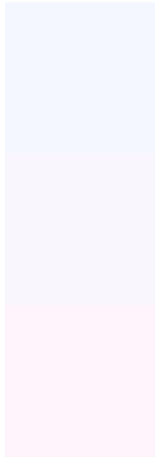


This preview shows how white text looks on a background with the XYZ color 88.6190, 92.9746,

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

88.6190, 92.9746, 107.8829

Protanopia

89.9121, 93.2070, 107.0178

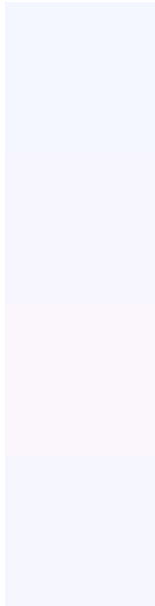
Deuteranopia

91.0033, 92.9264, 104.4070

Tritanopia

89.0118, 92.7244, 107.8139

Trichromacy



Original Color

88.6190, 92.9746, 107.8829

Protanomaly

89.2029, 92.8414, 106.9846

Deuteranomaly

90.0068, 92.8423, 105.2720

Tritanomaly

88.6620, 92.5440, 107.7975

Monochromacy



Original Color

88.6190, 92.9746, 107.8829

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.5221, 93.0165, 103.7308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6190, 92.9746, 107.8829 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(244, 247, 255) looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 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(244, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.6190, 92.9746, 107.8829 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(244, 247, 255) }
```


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

```
.border{ border-color:rgb(244, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6190, 92.9746, 107.8829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 255) }
```

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

```
.background{ background-color: rgb(244,  
247, 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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