

Converting Colors

XYZ(88.1696, 93.2790,
102.0774)

Have a look what the booklet for
XYZ(88.1696, 93.2790, 102.0774)
contains.

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Color

**XYZ(88.1669, 93.3246,
102.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F8F8
RGB	245, 248, 248
RGB Percent	96%, 97%, 97%
CMY	0.0392, 0.0274, 0.0274
CMYK	0.01, 0.00, 0.00, 0.03
HSL	180°, 18%, 97%
HSV	180°, 1%, 97%
XYZ	88.1669, 93.3246, 102.1735
YIQ	247.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

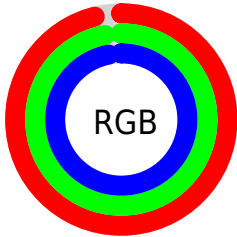
Format	Color
R_{YB}	245, 247, 248
Decimal	16120056
CIE Lab	97.36, -0.98, -0.36
CIE LCh	97, 1.048, 199.957
Yxy	93.3246, 0.3108, 0.3290
Android (android.graphics.Color)	4294310136 (0xFF5F8F8)
YUV	247.1030, 0.4422, -1.8443
Hunter-Lab	96.6047, -6.1489, 4.9154

Details

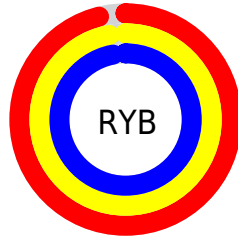
The XYZ color 88.1669, 93.3246, 102.1735 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.8487, 91.8563, 99.4908, and the grayscale version is 88.4917, 93.1002, 101.3861.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3503, 52.3239, 57.3676 is the 20% darker color. If you saturate the color by 10%, you get 80.0836, 89.1608, 101.7698, and if you desaturate by 10%, it is 91.7580, 95.1779, 102.3708.

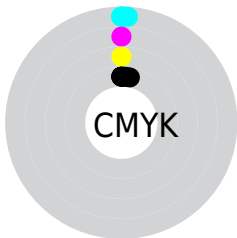
Distribution



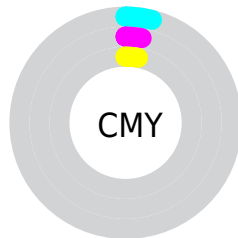
- Red (96%)
- Green (97%)
- Blue (97%)



- Red (96%)
- Yellow (97%)
- Blue (97%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1669, 93.3246, 102.1735 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 88.1669, 93.3246, 102.1735 by changing the saturation by 10% instead.

88.1669, 93.3246,
102.1735

88.1669, 93.3246,
102.1735

510.3769,
538.7873, 588.4450

66.7925, 70.7413,
77.4900

143.6808,
151.9479, 166.2187

49.1861, 52.1311,
57.1412

178.5511,
188.7568, 206.4175

34.9823, 37.1096,
40.7085

218.6508,
231.0763, 252.6252

23.8157, 25.2924,
27.7734

264.3451,
279.2908, 305.2602

15.3210, 16.2950,
17.9173

315.9996,
333.7848, 364.7412

9.1327, 9.7332,
10.7218

373.9794,

4.8857, 5.2224,

394.9426, 431.4866

5.7683

438.6501,
463.1487, 505.9150

■ 2.2144, 2.3783,
2.6382

■ 0.7503, 0.8147,
0.9121

■ 88.1669, 93.3246,
102.1735

■ 88.1669, 93.3246,
102.1735

■ 80.0836, 89.1608,
101.7698

■ 91.7580, 95.1779,
102.3708

■ 73.1116, 85.5672,
101.4163


■ 91.7632, 95.1800,
102.3983


■ 67.2046, 82.5226,
101.1126


■ 91.7684, 95.1821,
102.4258


■ 62.3103, 80.0001,
100.8563


■ 91.7737, 95.1842,
102.4534

 58.3716, 77.9702,
100.6447


 91.7789, 95.1863,
102.4809


 55.3262, 76.4008,
100.4749


 91.7841, 95.1884,
102.5085


 53.1040, 75.2559,
100.3436

 91.7894, 95.1904,
102.5360

 51.6247, 74.4939,
100.2472

 91.7946, 95.1925,
102.5636

 50.7921, 74.0653,
100.1810

 91.7998, 95.1946,
102.5912

Harmonies

Analogous

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



88.1415, 93.3246, 101.3299



88.1669, 93.3246, 102.1735



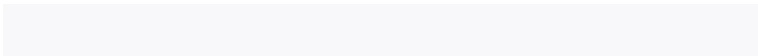
88.3356, 93.3246, 102.8710

Triad

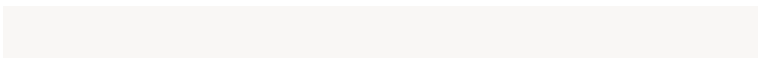
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1669, 93.3246, 102.1735



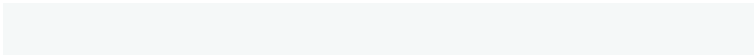
89.1398, 93.3246, 102.6698



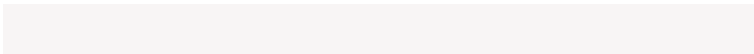
88.8018, 93.3246, 100.0137

Complementary

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



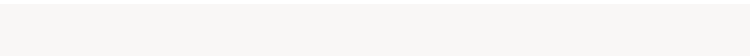
88.1669, 93.3246, 102.1735



87.8487, 91.8563, 99.4908

Split Complementary

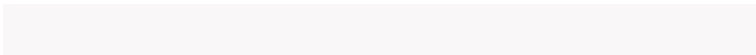
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0699, 93.3246, 100.3685



88.1669, 93.3246, 102.1735



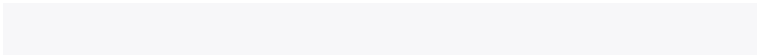
89.2654, 93.3246, 101.8999

Square

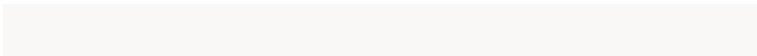
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



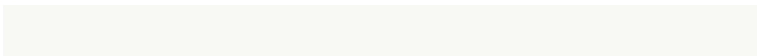
88.1669, 93.3246, 102.1735



88.8972, 93.3246, 103.1586



89.2397, 93.3246, 101.0578



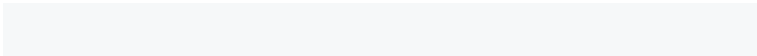
88.5076, 93.3246, 100.0861

Rectangle

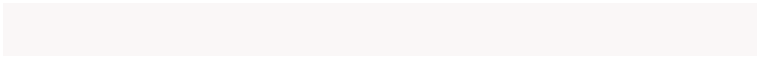
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



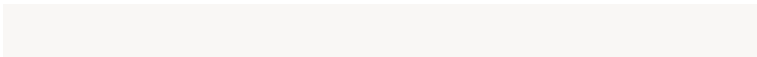
88.1669, 93.3246, 102.1735



88.5068, 93.3246, 103.1578



89.2397, 93.3246, 101.0578



88.8980, 93.3246, 100.0869

Sweetspot

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



88.1695, 93.3286, 102.1755

95.0500, 100.0000, 108.9000



87.7252, 93.1529, 99.7443



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



88.1695, 93.3286, 102.1755



94.1175, 99.5193, 108.8534



87.7255, 92.4395, 102.0306



19.2946, 20.3967, 22.3048



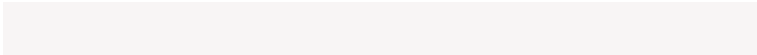
27.2581, 39.9163, 54.0961



2.5249, 3.6971, 5.0119

Inverse Universe

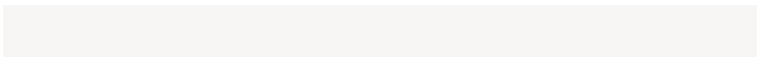
The Inverse Universe completely reimagines the original color for something new.



87.8487, 91.8563, 99.4908



93.8345, 98.2208, 106.4856



88.2891, 92.7381, 99.6345



19.2396, 20.1443, 21.8444



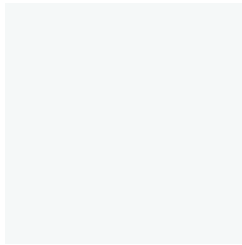
20.9133, 10.7811, 0.9861



1.9373, 0.9986, 0.0930

Previews

White Background



This preview shows how the XYZ color 88.1669, 93.3246, 102.1735 looks on a white background.

Color Contrast Check

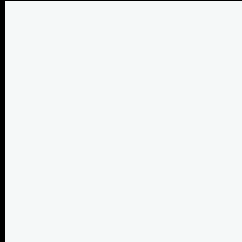
Large Text (above 18pt) WCAG AA × Fail

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 88.1669, 93.3246, 102.1735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

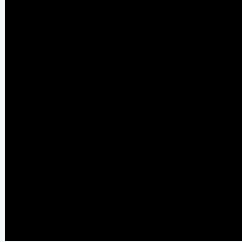
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

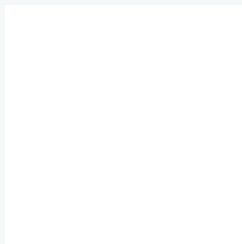
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1669, 93.3246, 102.1735

Background



This preview shows how black text looks on a background with the XYZ color 88.1669, 93.3246, 102.1735.

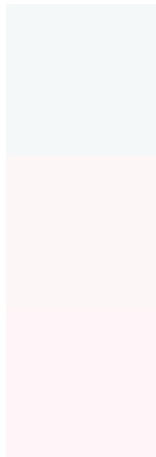


This preview shows how white text looks on a background with the XYZ color 88.1669, 93.3246,

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

88.1669, 93.3246, 102.1735

Protanopia

89.8892, 93.3224, 101.2710

Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

89.6685, 93.5157, 107.9320

Trichromacy



Original Color

88.1669, 93.3246, 102.1735

Protanomaly

89.1162, 93.3767, 101.3223

Deuteranomaly

89.6827, 93.1981, 102.0692

Tritanomaly

88.8375, 93.1426, 105.3915

Monochromacy



Original Color

88.1669, 93.3246, 102.1735

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.0553, 92.8298, 101.2726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1669, 93.3246, 102.1735 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(245, 248, 248) looks like.

```
.text, #text, p{  
    color:rgb(245, 248, 248)  
}
```

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(245, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 248, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.1669, 93.3246, 102.1735 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(245, 248, 248) }
```

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

```
.border{ border-color:rgb(245, 248, 248) }
```

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

Here you see how a box with a 4 pixel rgb(245, 248, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(245, 248,  
248) }
```


Background

The CSS property to change the background color of an element to XYZ 88.1669, 93.3246, 102.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 248) }
```

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

```
.background{ background-color: rgb(245,  
248, 248) }
```

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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