

Converting Colors

XYZ(58.5521, 75.0579, 86.1697)

Have a look what the booklet for
XYZ(58.5521, 75.0579, 86.1697)
contains.

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Color

**XYZ(58.6871, 75.2992,
86.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	98F1E6
RGB	152, 241, 230
RGB Percent	60%, 95%, 90%
CMY	0.4039, 0.0549, 0.0980
CMYK	0.37, 0.00, 0.05, 0.05
HSL	173°, 76%, 77%
HSV	173°, 37%, 95%
XYZ	58.6871, 75.2992, 86.3040
YIQ	213.1350, -49.5130, -22.2890

Conversions

Conversions Part 2

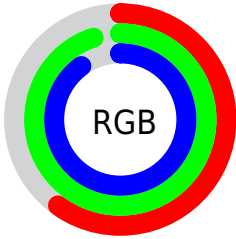
Format	Color
R_{YB}	152, 199, 241
Decimal	10023398
CIE _{Lab}	89.53, -29.12, -3.14
CIE _{LCh}	90, 29.286, 186.152
Yxy	75.2992, 0.2664, 0.3418
Android (android.graphics.Color)	4288213478 (0xFF98F1E6)
YUV	213.1350, 8.3144, -53.6154
Hunter-Lab	86.7751, -31.1346, 1.7745

Details

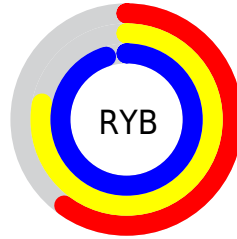
The XYZ color **58.6871, 75.2992, 86.3040** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.1173, 43.8036, 40.2557**, and the grayscale version is **63.3078, 66.6047, 72.5325**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **29.9107, 40.2799, 46.7558** is the 20% darker color. If you saturate the color by 10%, you get **54.2123, 73.0422, 83.9305**, and if you desaturate by 10%, it is **64.0898, 78.0375, 88.7615**.

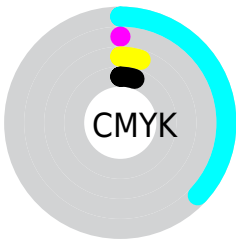
Distribution



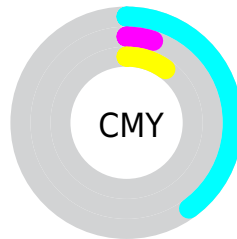
- Red (60%)
- Green (95%)
- Blue (90%)



- Red (60%)
- Yellow (78%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)





- Cyan (40%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6871, 75.2992, 86.3040 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 58.6871, 75.2992, 86.3040 by changing the saturation by 10% instead.


 58.6871, 75.2992,
86.3040


 58.6871, 75.2992,
86.3040


409.6541,
478.9453, 536.1898

 42.6067, 55.8580,
64.3631


 102.0400,
126.7358, 144.0839

 29.7698, 40.0891,
46.4967


 130.0432,
159.5000, 180.7600

 19.8111, 27.6080,
32.2865


162.7513,
197.4741, 223.1848

 12.3653, 18.0304,
21.3138

200.5298,
241.0423, 271.7770

 7.0669, 10.9718,
13.1601

243.7440,
290.5892, 326.9551

 3.5507, 6.0479,
7.4069

292.7592,

 1.4512, 2.8742,

346.4990, 389.1375

3.6355

347.9408,
409.1563, 458.7429

■ 0.2923, 1.0664,
1.4276

■ 0.0000, 0.0000,
0.1631

■ 58.6871, 75.2992,
86.3040

■ 58.6871, 75.2992,
86.3040

■ 54.2123, 73.0422,
83.9305

■ 64.0898, 78.0375,
88.7615

■ 50.6030, 71.2286,
81.6330

■ 70.4652, 81.2745,
91.3005

■ 47.7994, 69.8296,
79.4102

■ 77.8627, 85.0377,
93.9249

■ 45.7312, 68.8089,
77.2586

■ 86.3267, 89.3497,
96.6372

■ 44.3161, 68.1241,
75.1742

■ 89.1626, 90.7596,
99.1241

■ 43.4487, 67.7208,
73.1518

■ 89.6210, 90.9430,
101.5380

■ 43.2409, 67.6269,
72.5408

■ 90.0867, 91.1293,
103.9907

■ 90.5599, 91.3185,
106.4823

■ 90.7466, 91.3932,
107.4655

Harmonies

Analogous

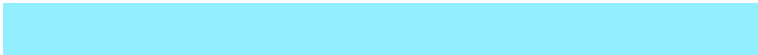
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.6566, 75.2992, 67.0009



58.6871, 75.2992, 86.3040



60.9783, 75.2992, 107.6298

Triad

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



58.6871, 75.2992, 86.3040



80.0379, 75.2992, 118.2881



77.3053, 75.2992, 50.8485

Complementary

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



58.6871, 75.2992, 86.3040



54.1173, 43.8036, 40.2557

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.



83.3215, 75.2992, 60.7812



58.6871, 75.2992, 86.3040



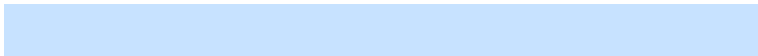
84.9716, 75.2992, 99.0584

Square

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



58.6871, 75.2992, 86.3040



73.0612, 75.2992, 127.9829



86.2116, 75.2992, 77.8184



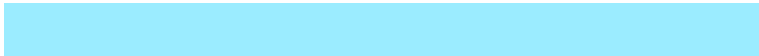
70.0985, 75.2992, 48.5904

Rectangle

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



58.6871, 75.2992, 86.3040



64.1430, 75.2992, 119.4575



86.2116, 75.2992, 77.8184



79.5484, 75.2992, 53.3085

Sweetspot

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



58.6893, 75.3022, 86.3057



84.9194, 94.8414, 105.5379



52.4074, 73.0590, 41.0468



17.9308, 20.1751, 22.5025



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.



58.6893, 75.3022, 86.3057



62.9496, 83.7004, 96.1585



51.4737, 58.3196, 91.7664



16.1583, 17.8934, 19.8567



23.4819, 36.6848, 39.5165



1.9769, 3.0612, 3.4107

Inverse Universe

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



54.1173, 43.8036, 40.2557



57.0902, 43.2680, 37.0936



59.2180, 55.5149, 37.3014



15.8523, 15.7906, 16.7784



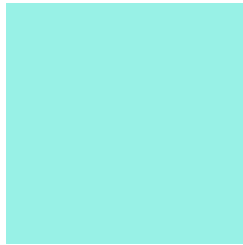
19.8231, 10.2017, 1.7191



1.6745, 0.8588, 0.2767

Previews

White Background



This preview shows how the XYZ color 58.6871, 75.2992, 86.3040 looks on a white background.

Color Contrast Check

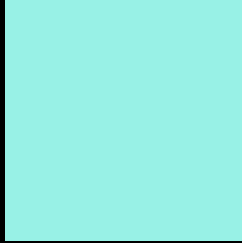
Large Text (above 18pt) WCAG AA × Fail

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 58.6871, 75.2992, 86.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

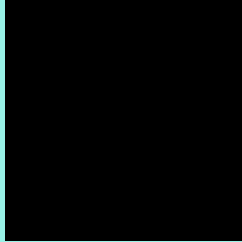
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

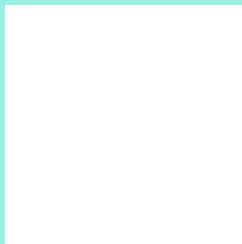
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6871, 75.2992, 86.3040

Background



This preview shows how black text looks on a background with the XYZ color 58.6871, 75.2992, 86.3040.

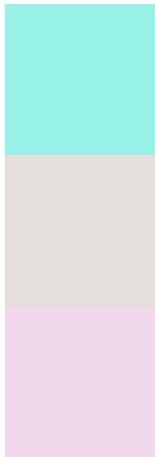


This preview shows how white text looks on a background with the XYZ color 58.6871, 75.2992,

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

58.6871, 75.2992, 86.3040

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

76.0839, 74.3246, 88.9333



Tritanopia

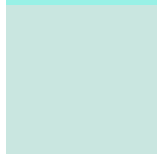
63.2345, 75.4698, 105.8421

Trichromacy



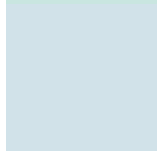
Original Color

58.6871, 75.2992, 86.3040



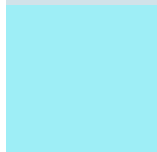
Protanomaly

65.8388, 74.3930, 81.4102



Deuteranomaly

68.1988, 73.8312, 87.7472



Tritanomaly

61.3096, 75.0720, 98.4478

Monochromacy



Original Color

58.6871, 75.2992, 86.3040



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.6597, 68.9662, 77.1325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6871, 75.2992, 86.3040 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(152, 241, 230)` looks like.

```
.text, #text, p{  
    color:rgb(152, 241, 230)  
}
```

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(152, 241, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 241, 230) }
```

Border

The CSS property to change the border of an element to XYZ 58.6871, 75.2992, 86.3040 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(152, 241, 230) }
```


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

```
.border{ border-color:rgb(152, 241, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 241, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 241, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 241, 230);  
box-shadow:4px 4px 4px 4px rgb(152, 241,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6871, 75.2992, 86.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 241, 230) }
```

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

```
.background{ background-color: rgb(152,  
241, 230) }
```

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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