

Converting Colors

XYZ(52.6090, 68.2135, 88.6899)

Have a look what the booklet for
XYZ(52.6090, 68.2135, 88.6899)
contains.

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Color

**XYZ(52.7541, 68.3006,
89.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	80E8EB
RGB	128, 232, 235
RGB Percent	50%, 91%, 92%
CMY	0.4980, 0.0902, 0.0784
CMYK	0.46, 0.01, 0.00, 0.08
HSL	182°, 73%, 71%
HSV	182°, 46%, 92%
XYZ	52.7541, 68.3006, 89.0002
YIQ	201.2460, -62.9470, -21.1150

Conversions

Conversions Part 2

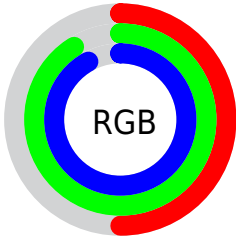
Format	Color
R_{YB}	128, 181, 235
Decimal	8448235
CIE _{Lab}	86.16, -29.42, -10.87
CIE _{LCh}	86, 31.367, 200.271
Yxy	68.3006, 0.2511, 0.3252
Android (android.graphics.Color)	4286638315 (0xFF80E8EB)
YUV	201.2460, 16.6407, -64.2367
Hunter-Lab	82.6442, -30.6857, -5.9990

Details

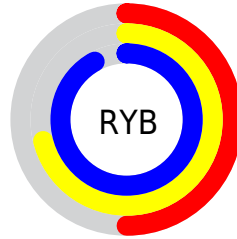
The XYZ color **52.7541, 68.3006, 89.0002** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.2747, 35.4543, 24.8281**, and the grayscale version is **55.5997, 58.4952, 63.7012**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **25.9768, 35.4986, 48.1306** is the 20% darker color. If you saturate the color by 10%, you get **49.4360, 66.3170, 88.7934**, and if you desaturate by 10%, it is **56.8954, 70.7128, 89.2487**.

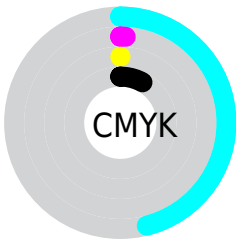
Distribution



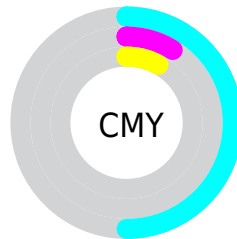
- Red (50%)
- Green (91%)
- Blue (92%)



- Red (50%)
- Yellow (71%)
- Blue (92%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)





- Cyan (50%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7541, 68.3006, 89.0002 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 52.7541, 68.3006, 89.0002 by changing the saturation by 10% instead.


 52.7541, 68.3006,
89.0002


 52.7541, 68.3006,
89.0002

387.6173,
454.5603, 545.2591


 37.8332, 50.1423,
66.5827


 93.4101, 116.7821,
147.8722

 26.0299, 35.5265,
48.2861

 119.8759,
147.8741, 185.1638

 16.9788, 24.0687,
33.6919


 150.9207,
184.0461, 228.2504

 10.3146, 15.3846,
22.3816

186.9099,
225.6825, 277.5507

 5.6719, 9.0898,
13.9365

228.2088,
273.1677, 333.4832

 2.6854, 4.7998,
7.9383

275.1827,

 0.9896, 2.1303,

326.8862, 396.4664

3.9683

328.1971,
387.2223, 466.9189

■ 0.0000, 0.6816,
1.6080

■ 0.0000, 0.0000,
0.2965

■ 52.7541, 68.3006,
89.0002

■ 52.7541, 68.3006,
89.0002

■ 49.4360, 66.3170,
88.7934

■ 56.8954, 70.7128,
89.2487

■ 46.8778, 64.7246,
88.6209


■ 61.9057, 73.5724,
89.5366


■ 45.0167, 63.4926,
88.4812


■ 67.8346, 76.9065,
89.8677


■ 43.7774, 62.5822,
88.3708


■ 74.7261, 80.7380,
90.2440


 43.0668, 61.9454,
88.2853


 82.6216, 85.0880,
90.6675

 42.8541, 61.7152,
88.2521

 86.2179, 87.2228,
90.8900

 86.4078, 87.6026,
90.9533

 86.5984, 87.9837,
91.0168

 86.7896, 88.3663,
91.0806

Harmonies

Analogous

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



52.1816, 68.3006, 67.8539



52.7541, 68.3006, 89.0002



56.4482, 68.3006, 109.3006

Triad

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



52.7541, 68.3006, 89.0002



76.1824, 68.3006, 102.7624



67.2903, 68.3006, 41.6790

Complementary

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



52.7541, 68.3006, 89.0002



46.2747, 35.4543, 24.8281

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.



74.1945, 68.3006, 47.8051



52.7541, 68.3006, 89.0002



79.5737, 68.3006, 81.2857

Square

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



52.7541, 68.3006, 89.0002



69.8438, 68.3006, 118.2113



78.8205, 68.3006, 61.4340



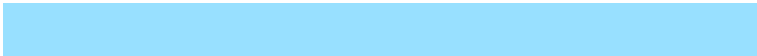
60.2288, 68.3006, 42.9767

Rectangle

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



52.7541, 68.3006, 89.0002



60.3463, 68.3006, 118.3867



78.8205, 68.3006, 61.4340



69.7143, 68.3006, 42.8875

Sweetspot

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



52.7561, 68.3033, 89.0018



82.7955, 93.2101, 108.2353



42.6266, 65.6132, 31.4625



17.3620, 19.7499, 23.1470



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.



52.7561, 68.3033, 89.0018



59.6067, 79.8864, 106.8858



40.1632, 43.1173, 84.8041



15.4794, 17.0452, 19.3965



23.8666, 34.3801, 49.1211



1.8855, 2.7226, 3.8610

Inverse Universe

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



56.5473, 38.9284, 80.8804



64.7660, 40.4340, 95.7162



55.1507, 53.2063, 27.7868



15.6955, 15.3061, 18.9479



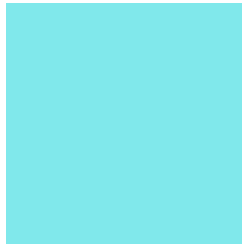
26.9020, 12.9635, 42.1470



2.1182, 1.0203, 3.3400

Previews

White Background



This preview shows how the XYZ color 52.7541, 68.3006, 89.0002 looks on a white background.

Color Contrast Check

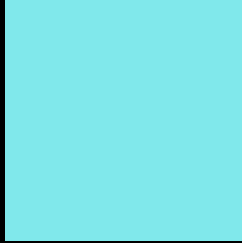
Large Text (above 18pt) WCAG AA × Fail

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 52.7541, 68.3006, 89.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

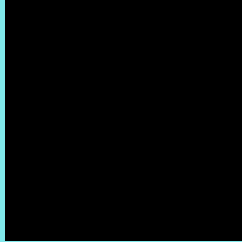
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7541, 68.3006, 89.0002

Background



This preview shows how black text looks on a background with the XYZ color 52.7541, 68.3006, 89.0002.



This preview shows how white text looks on a background with the XYZ color 52.7541, 68.3006,

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

52.7541, 68.3006, 89.0002

Protanopia

65.1379, 67.3633, 79.3813

Deuteranopia

68.9601, 67.5802, 91.8478



Tritanopia

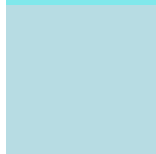
54.7558, 68.2765, 99.0997

Trichromacy



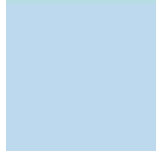
Original Color

52.7541, 68.3006, 89.0002



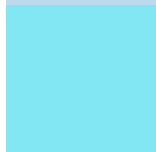
Protanomaly

58.9868, 66.7997, 82.4577



Deuteranomaly

60.9845, 66.4901, 90.5086



Tritanomaly

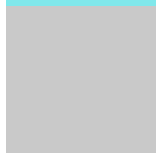
54.1136, 68.4482, 95.1538

Monochromacy



Original Color

52.7541, 68.3006, 89.0002



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.0093, 60.8897, 71.9098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7541, 68.3006, 89.0002 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(128, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(128, 232, 235)  
}
```

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(128, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 232, 235) }
```

Border

The CSS property to change the border of an element to XYZ 52.7541, 68.3006, 89.0002 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(128, 232, 235) }
```


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

```
.border{ border-color:rgb(128, 232, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 232, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(128, 232,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7541, 68.3006, 89.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 232, 235) }
```

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

```
.background{ background-color: rgb(128,  
232, 235) }
```

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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