

Converting Colors

XYZ(52.0949, 65.3886, 85.4790)

Have a look what the booklet for
XYZ(52.0949, 65.3886, 85.4790)
contains.

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Color

**XYZ(52.2676, 65.6512,
85.5185)**

Conversions

Conversions Part 1

Format	Color
Hex	8BE2E7
RGB	139, 226, 231
RGB Percent	55%, 89%, 91%
CMY	0.4549, 0.1137, 0.0941
CMYK	0.40, 0.02, 0.00, 0.09
HSL	183°, 66%, 73%
HSV	183°, 40%, 91%
XYZ	52.2676, 65.6512, 85.5185
YIQ	200.5570, -53.4570, -16.8890

Conversions

Conversions Part 2

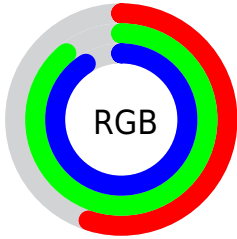
Format	Color
R _Y B	139, 184, 231
Decimal	9167591
CIE Lab	84.82, -24.92, -10.70
CIE LCh	85, 27.124, 203.243
Yxy	65.6512, 0.2569, 0.3227
Android (android.graphics.Color)	4287357671 (0xFF8BE2E7)
YUV	200.5570, 15.0084, -53.9855
Hunter-Lab	81.0254, -26.6483, -5.8600

Details

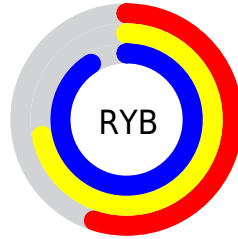
The XYZ color **52.2676, 65.6512, 85.5185** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **47.5895, 38.8003, 29.4085**, and the grayscale version is **55.1787, 58.0523, 63.2190**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **25.5923, 33.6384, 45.7015** is the 20% darker color. If you saturate the color by 10%, you get **48.4711, 63.1909, 85.2448**, and if you desaturate by 10%, it is **56.8854, 68.5418, 85.8342**.

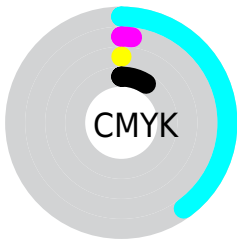
Distribution



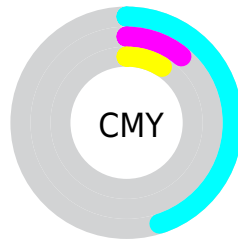
- Red (55%)
- Green (89%)
- Blue (91%)



- Red (55%)
- Yellow (72%)
- Blue (91%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)




- Cyan (45%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2676, 65.6512, 85.5185 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 52.2676, 65.6512, 85.5185 by changing the saturation by 10% instead.


 52.2676, 65.6512,
85.5185

 52.2676, 65.6512,
85.5185


385.7758,
445.1284, 533.5315

 37.4435, 47.9893,
63.7173


 92.6977, 112.9856,
142.9780

 25.7263, 33.8184,
45.9770

 119.0344,
143.4268, 179.4733

 16.7506, 22.7541,
31.8791

149.9394,
178.8967, 221.7037

 10.1511, 14.4121,
21.0051

185.7780,
219.7795, 270.0878

 5.5623, 8.4078,
12.9365

226.9156,
266.4597, 325.0441

 2.6189, 4.3570,
7.2546

273.7175,

 0.9556, 1.8752,

319.3216, 386.9911

3.5410

326.5492,
378.7498, 456.3474

■ 0.0000, 0.5334,
1.3771

■ 0.0000, 0.0000,
0.1237

■ 52.2676, 65.6512,
85.5185

■ 52.2676, 65.6512,
85.5185

■ 48.4711, 63.1909,
85.2448

■ 56.8854, 68.5418,
85.8342

■ 45.4383, 61.1264,
85.0062

■ 62.3658, 71.8792,
86.1895

■ 43.1134, 59.4305,
84.8014

■ 68.7546, 75.6886,
86.5881

■ 41.4305, 58.0693,
84.6274

■ 76.0922, 79.9909,
87.0318

■ 40.3113, 57.0023,
84.4804

■ 84.4170, 84.8058,
87.5224

■ 39.6238, 56.1616,
84.3544

■ 84.9541, 85.6098,
87.6493

■ 39.6130, 56.1476,
84.3522

■ 85.3117, 86.3250,
87.7685

■ 85.6719, 87.0453,
87.8885

■ 86.0345, 87.7706,
88.0094

Harmonies

Analogous

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



51.5008, 65.6512, 67.6179



52.2676, 65.6512, 85.5185



55.6654, 65.6512, 101.7840

Triad

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



52.2676, 65.6512, 85.5185



72.2366, 65.6512, 93.4355



63.7843, 65.6512, 43.1361

Complementary

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



52.2676, 65.6512, 85.5185



47.5895, 38.8003, 29.4085

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.



69.6559, 65.6512, 47.8853



52.2676, 65.6512, 85.5185



74.7365, 65.6512, 75.4926

Square

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



52.2676, 65.6512, 85.5185



67.1250, 65.6512, 106.8486



73.7628, 65.6512, 59.0739



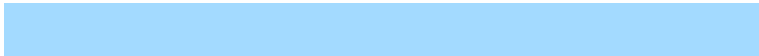
57.9011, 65.6512, 44.9340

Rectangle

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



52.2676, 65.6512, 85.5185



59.0911, 65.6512, 108.5506



73.7628, 65.6512, 59.0739



65.8291, 65.6512, 43.9904

Sweetspot

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



52.2696, 65.6538, 85.5200



84.1466, 93.5953, 108.2384



44.2283, 64.6435, 36.3734



17.7792, 19.8957, 23.1531



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.



52.2696, 65.6538, 85.5200



61.3352, 79.5248, 106.7249



41.4748, 44.0643, 81.9218



14.7369, 16.1951, 18.4936



22.2376, 31.5373, 47.2984



1.6639, 2.3717, 3.5021

Inverse Universe

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



55.9167, 40.9467, 76.9107



66.5706, 44.7248, 94.2167



55.9435, 55.5084, 32.1932



14.9595, 14.6010, 17.9872



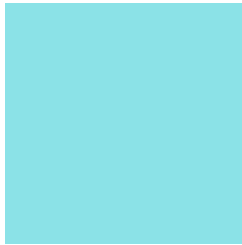
25.6180, 12.3814, 38.4790



1.9035, 0.9191, 2.8983

Previews

White Background



This preview shows how the XYZ color 52.2676, 65.6512, 85.5185 looks on a white background.

Color Contrast Check

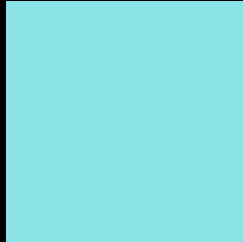
Large Text (above 18pt) WCAG AA × Fail

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 52.2676, 65.6512, 85.5185 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 52.2676, 65.6512, 85.5185

Background



This preview shows how black text looks on a background with the XYZ color 52.2676, 65.6512, 85.5185.

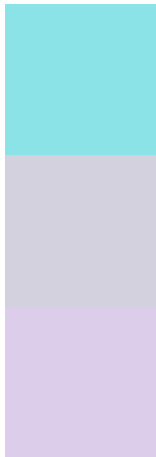


This preview shows how white text looks on a background with the XYZ color 52.2676, 65.6512,

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

52.2676, 65.6512, 85.5185

Protanopia

62.7156, 64.6703, 77.5838

Deuteranopia

66.3419, 64.8764, 87.6231



Tritanopia

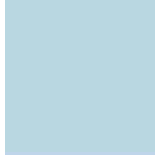
53.8380, 65.4729, 93.8044

Trichromacy



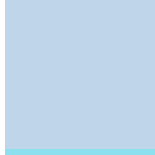
Original Color

52.2676, 65.6512, 85.5185



Protanomaly

57.8986, 64.3514, 80.6036



Deuteranomaly

60.1314, 64.6054, 87.1427



Tritanomaly

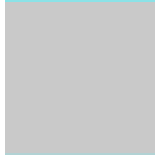
53.3423, 65.6862, 90.7562

Monochromacy



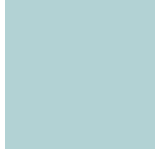
Original Color

52.2676, 65.6512, 85.5185



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.2904, 60.3116, 71.1200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2676, 65.6512, 85.5185 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(139, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(139, 226, 231)  
}
```

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(139, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 226, 231) }
```

Border

The CSS property to change the border of an element to XYZ 52.2676, 65.6512, 85.5185 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(139, 226, 231) }
```


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

```
.border{ border-color:rgb(139, 226, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 226, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 226, 231);  
box-shadow:4px 4px 4px 4px rgb(139, 226,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2676, 65.6512, 85.5185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 226, 231) }
```

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

```
.background{ background-color: rgb(139,  
226, 231) }
```

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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