

Converting Colors

XYZ(52.2505, 68.5781, 75.8974)

Have a look what the booklet for
XYZ(52.2505, 68.5781, 75.8974)
contains.

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Color

**XYZ(52.4785, 68.8630,
76.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE9D9
RGB	140, 233, 217
RGB Percent	55%, 91%, 85%
CMY	0.4510, 0.0863, 0.1490
CMYK	0.40, 0.00, 0.07, 0.09
HSL	170°, 68%, 73%
HSV	170°, 40%, 91%
XYZ	52.4785, 68.8630, 76.1716
YIQ	203.3690, -50.2920, -24.6920

Conversions

Conversions Part 2

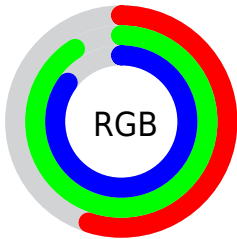
Format	Color
RYB	140, 191, 233
Decimal	9234905
CIELab	86.44, -31.35, -0.93
CIELCh	86, 31.360, 181.701
Yxy	68.8630, 0.2657, 0.3487
Android (android.graphics.Color)	4287424985 (0xFF8CE9D9)
YUV	203.3690, 6.7201, -55.5746
Hunter-Lab	82.9837, -32.3390, 3.6657

Details

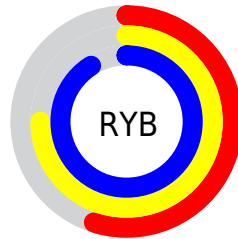
The XYZ color **52.4785, 68.8630, 76.1716** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.9854, 38.4820, 36.3010**, and the grayscale version is **56.9800, 59.9474, 65.2827**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **25.8110, 35.8919, 39.7499** is the 20% darker color. If you saturate the color by 10%, you get **48.4456, 66.8452, 73.2948**, and if you desaturate by 10%, it is **57.3592, 71.3198, 79.1572**.

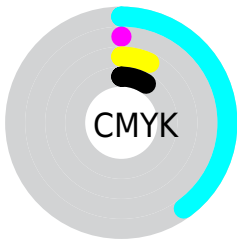
Distribution



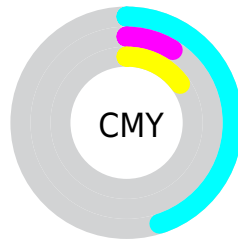
- Red (55%)
- Green (91%)
- Blue (85%)



- Red (55%)
- Yellow (75%)
- Blue (91%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)





- Cyan (45%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4785, 68.8630, 76.1716 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 52.4785, 68.8630, 76.1716 by changing the saturation by 10% instead.


 52.4785, 68.8630,
76.1716


 52.4785, 68.8630,
76.1716


386.5748,
456.5476, 501.2974

 37.6124, 50.6001,
56.0657


 93.0066, 117.5859,
129.7318

 25.8579, 35.8905,
39.8513

 119.3993,
148.8147, 164.0231

 16.8495, 24.3496,
27.1097

150.3650,
185.1343, 203.8801

 10.2219, 15.5932,
17.4225

186.2690,
226.9290, 249.7211

 5.6097, 9.2367,
10.3710

227.4766,
274.5833, 301.9648

 2.6476, 4.8959,
5.5368

274.3532,

 0.9703, 2.1863,

328.4816, 361.0298

2.5014

327.2641,
389.0083, 427.3344

■ 0.0000, 0.7125,
0.8409

■ 0.0000, 0.0000,
0.0000

■ 52.4785, 68.8630,
76.1716

■ 52.4785, 68.8630,
76.1716

■ 48.4456, 66.8452,
73.2948

■ 57.3592, 71.3198,
79.1572

■ 45.2017, 65.2310,
70.5191


■ 63.1303, 74.2325,
82.2496


■ 42.6895, 63.9926,
67.8429


■ 69.8383, 77.6266,
85.4529


■ 40.8417, 63.0952,
65.2625


■ 77.5249, 81.5237,
88.7694

 39.5780, 62.4975,
62.7738

 85.6732, 85.6574,
92.1756


 38.7622, 62.1293,
60.3698

 86.2658, 85.8945,
95.2965

 38.7559, 62.1265,
60.3493

 86.8717, 86.1368,
98.4868

 87.4908, 86.3844,
101.7471

 88.1232, 86.6374,
105.0776

Harmonies

Analogous

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



53.9248, 68.8630, 57.5943



52.4785, 68.8630, 76.1716



54.2894, 68.8630, 97.9872

Triad

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



52.4785, 68.8630, 76.1716



73.0575, 68.8630, 114.3539



72.2889, 68.8630, 45.0246

Complementary

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



52.4785, 68.8630, 76.1716



48.9854, 38.4820, 36.3010

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.



78.0491, 68.8630, 55.8895



52.4785, 68.8630, 76.1716



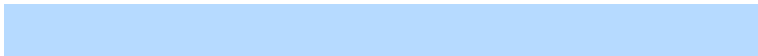
78.5154, 68.8630, 95.5537

Square

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



52.4785, 68.8630, 76.1716



65.8669, 68.8630, 122.4078



80.4052, 68.8630, 73.8011



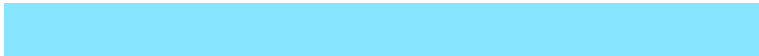
65.0392, 68.8630, 41.7236

Rectangle

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



52.4785, 68.8630, 76.1716



57.1837, 68.8630, 110.8953



80.4052, 68.8630, 73.8011



74.4817, 68.8630, 47.8004

Sweetspot

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



52.4805, 68.8657, 76.1732



83.8383, 94.3168, 104.0107



47.7890, 67.3472, 35.2928



17.7063, 20.0669, 22.1513



0.0000, 0.0000, 0.0000



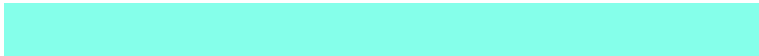
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4805, 68.8657, 76.1732



60.2123, 82.4110, 90.5293



47.0113, 54.4331, 85.1228



15.3999, 17.0748, 18.7889



22.0308, 35.2668, 34.4568



1.7593, 2.7810, 2.8602

Inverse Universe

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



48.9854, 38.4820, 36.3010



55.3774, 40.2476, 35.2739



52.6120, 47.7629, 31.2585



15.1712, 15.0963, 16.1870



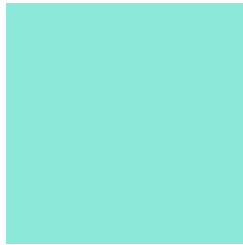
19.3171, 9.9295, 2.2054



1.5478, 0.7921, 0.3359

Previews

White Background



This preview shows how the XYZ color 52.4785, 68.8630, 76.1716 looks on a white background.

Color Contrast Check

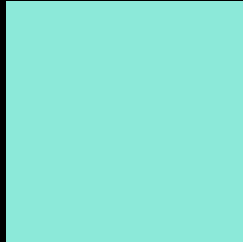
Large Text (above 18pt) WCAG AA × Fail

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 52.4785, 68.8630, 76.1716 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

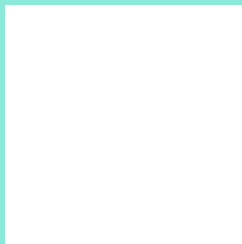
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4785, 68.8630, 76.1716

Background



This preview shows how black text looks on a background with the XYZ color 52.4785, 68.8630, 76.1716.

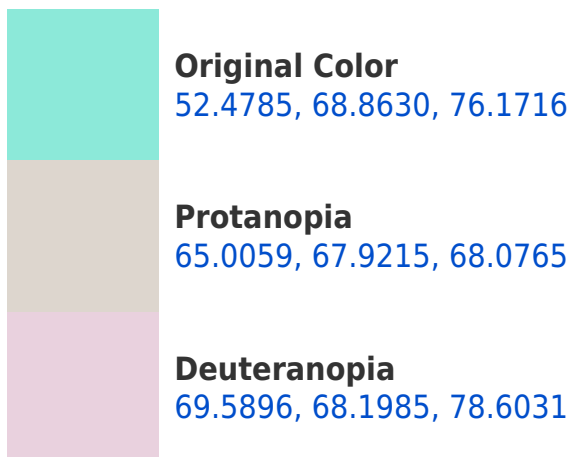


This preview shows how white text looks on a background with the XYZ color 52.4785, 68.8630,

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





Tritanopia

57.0206, 69.0499, 98.3184

Trichromacy



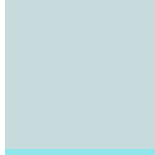
Original Color

52.4785, 68.8630, 76.1716



Protanomaly

59.2275, 67.5725, 70.8939



Deuteranomaly

61.5429, 67.4522, 77.4861



Tritanomaly

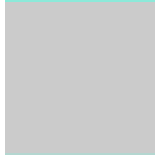
55.1142, 68.6695, 89.7066

Monochromacy



Original Color

52.4785, 68.8630, 76.1716



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.2541, 62.3505, 68.8499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4785, 68.8630, 76.1716 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(140, 233, 217)` looks like.

```
.text, #text, p{  
    color:rgb(140, 233, 217)  
}
```

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(140, 233, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 233, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.4785, 68.8630, 76.1716 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(140, 233, 217) }
```


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

```
.border{ border-color:rgb(140, 233, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 233, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(140, 233,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4785, 68.8630, 76.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 233, 217) }
```

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

```
.background{ background-color: rgb(140,  
233, 217) }
```

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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