

Converting Colors

XYZ(53.0559, 65.2441, 76.6024)

Have a look what the booklet for
XYZ(53.0559, 65.2441, 76.6024)
contains.

XYZ(52.8842, 64.9577, 76.7686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8842, 64.9577,
76.7686)**

Conversions

Conversions Part 1

Format	Color
Hex	9CDFDB
RGB	156, 223, 219
RGB Percent	61%, 87%, 86%
CMY	0.3882, 0.1255, 0.1412
CMYK	0.30, 0.00, 0.02, 0.13
HSL	176°, 51%, 74%
HSV	176°, 30%, 87%
XYZ	52.8842, 64.9577, 76.7686
YIQ	202.5110, -38.6480, -15.4480

Conversions

Conversions Part 2

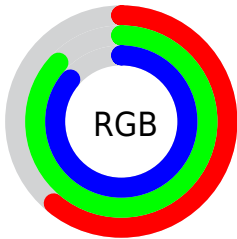
Format	Color
RYB	156, 191, 223
Decimal	10280923
CIELab	84.46, -21.78, -4.80
CIElCh	84, 22.304, 192.420
Yxy	64.9577, 0.2717, 0.3338
Android (android.graphics.Color)	4288471003 (0xFF9CDFDB)
YUV	202.5110, 8.1291, -40.7901
Hunter-Lab	80.5963, -23.9188, -0.0567

Details

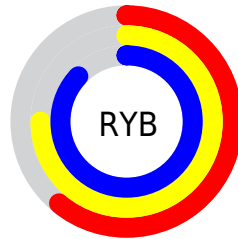
The XYZ color **52.8842, 64.9577, 76.7686** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6674, 42.0050, 38.8031**, and the grayscale version is **56.4279, 59.3665, 64.6501**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **26.1830, 33.5104, 40.2101** is the 20% darker color. If you saturate the color by 10%, you get **48.7846, 62.8661, 75.6662**, and if you desaturate by 10%, it is **57.7812, 67.4635, 77.9185**.

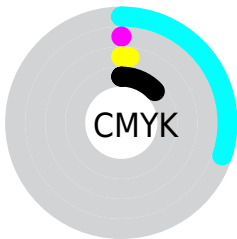
Distribution



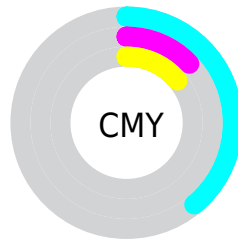
- Red (61%)
- Green (87%)
- Blue (86%)



- Red (61%)
- Yellow (75%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (39%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8842, 64.9577, 76.7686 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 52.8842, 64.9577, 76.7686 by changing the saturation by 10% instead.


 52.8842, 64.9577,
76.7686


 52.8842, 64.9577,
76.7686


388.1088,
442.6399, 503.3914

 37.9374, 47.4268,
56.5525


 93.6005, 111.9890,
130.5828

 26.1111, 33.3732,
40.2391


 120.1007,
142.2583, 165.0181

 17.0399, 22.4125,
27.4098


151.1828,
177.5424, 205.0301

 10.3584, 14.1603,
17.6461

187.2121,
218.2257, 251.0375

 5.7013, 8.2322,
10.5294

228.5541,
264.6928, 303.4588

 2.7033, 4.2439,
5.6412

275.5739,

 0.9989, 1.8109,

317.3279, 362.7125

2.5629

328.6370,
376.5155, 429.2172

■ 0.0000, 0.4940,
0.8732

■ 0.0000, 0.0000,
0.0000

■ 52.8842, 64.9577,
76.7686

■ 52.8842, 64.9577,
76.7686

■ 48.7846, 62.8661,
75.6662

■ 57.7812, 67.4635,
77.9185

■ 45.4334, 61.1585,
74.6047

■ 63.5099, 70.3962,
79.1132

■ 42.7848, 59.8130,
73.5834

■ 70.1098, 73.7779,
80.3561

■ 40.7858, 58.8021,
72.5998

■ 77.6159, 77.6266,
81.6487

■ 39.3758, 58.0948,
71.6510

■ 81.3099, 79.5100,
82.7704

■ 38.4830, 57.6539,
70.7336

■ 81.4931, 79.5833,
83.7351

■ 37.9820, 57.4148,
69.8457

■ 81.6778, 79.6571,
84.7074

■ 81.8638, 79.7315,
85.6871

■ 82.0513, 79.8065,
86.6744

Harmonies

Analogous

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



53.0849, 64.9577, 62.7923



52.8842, 64.9577, 76.7686



54.9620, 64.9577, 90.8058

Triad

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



52.8842, 64.9577, 76.7686



68.4020, 64.9577, 92.8759



64.6669, 64.9577, 47.7480

Complementary

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



52.8842, 64.9577, 76.7686



48.6674, 42.0050, 38.8031

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.



69.0543, 64.9577, 53.8518



52.8842, 64.9577, 76.7686



71.2889, 64.9577, 79.3054

Square

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



52.8842, 64.9577, 76.7686



63.8150, 64.9577, 100.9071



71.5338, 64.9577, 65.0127



59.7111, 64.9577, 47.2597

Rectangle

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



52.8842, 64.9577, 76.7686



57.4279, 64.9577, 97.8149



71.5338, 64.9577, 65.0127



66.2635, 64.9577, 49.1691

Sweetspot

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



52.8861, 64.9603, 76.7701



86.8850, 95.8162, 107.3698



46.9812, 62.7000, 41.0801



18.3342, 20.3740, 22.9297



0.0000, 0.0000, 0.0000



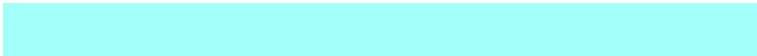
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8861, 64.9603, 76.7701



68.0847, 86.1995, 103.0948



46.3160, 50.9666, 77.2113



14.0794, 15.5575, 17.4531



22.3471, 33.7637, 41.1464



1.5599, 2.3447, 2.9094

Inverse Universe

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



48.6674, 42.0050, 38.8031



61.5045, 50.3782, 43.8631



53.7904, 52.8024, 38.8108



13.7403, 13.7137, 14.4025



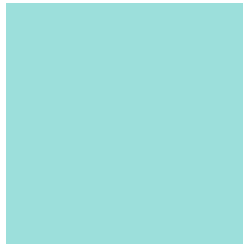
17.9508, 9.2473, 1.1408



1.2561, 0.6457, 0.1415

Previews

White Background



This preview shows how the XYZ color 52.8842, 64.9577, 76.7686 looks on a white background.

Color Contrast Check

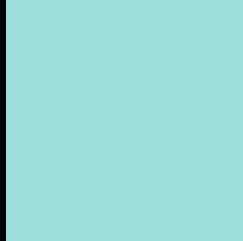
Large Text (above 18pt) WCAG AA × Fail

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 52.8842, 64.9577, 76.7686 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

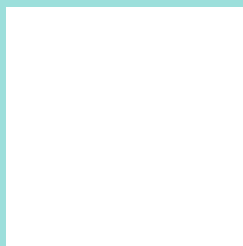
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8842, 64.9577, 76.7686

Background



This preview shows how black text looks on a background with the XYZ color 52.8842, 64.9577, 76.7686.

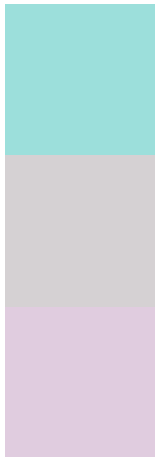


This preview shows how white text looks on a background with the XYZ color 52.8842, 64.9577,

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

52.8842, 64.9577, 76.7686

Protanopia

61.9989, 64.4502, 70.8005

Deuteranopia

65.6526, 64.3607, 78.7746



Tritanopia

55.5230, 64.8330, 90.4766

Trichromacy



Original Color

52.8842, 64.9577, 76.7686

Protanomaly

57.9224, 64.1546, 72.9486

Deuteranomaly

60.0323, 64.0046, 78.2973

Tritanomaly

54.5783, 64.8534, 85.2427

Monochromacy



Original Color

52.8842, 64.9577, 76.7686

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.8049, 61.1357, 69.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8842, 64.9577, 76.7686 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(156, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(156, 223, 219)  
}
```

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(156, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 52.8842, 64.9577, 76.7686 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(156, 223, 219) }
```


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

```
.border{ border-color:rgb(156, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 223, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 223, 219); box-shadow:4px 4px 4px 4px rgb(156, 223, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8842, 64.9577, 76.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 223, 219) }
```

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

```
.background{ background-color: rgb(156,  
223, 219) }
```

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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