

Converting Colors

XYZ(41.8221, 57.4952, 77.4770)

Have a look what the booklet for
XYZ(41.8221, 57.4952, 77.4770)
contains.

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Color

**XYZ(41.8623, 57.6773,
77.3331)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 52DBDD |
| RGB | 82, 219, 221 |
| RGB Percent | 32%, 86%, 87% |
| CMY | 0.6784, 0.1412, 0.1333 |
| CMYK | 0.63, 0.01, 0.00, 0.13 |
| HSL | 181°, 67%, 59% |
| HSV | 181°, 63%, 87% |
| XYZ | 41.8623, 57.6773, 77.3331 |
| YIQ | 178.2650, -82.2940, -28.4220 |

Conversions

Conversions Part 2

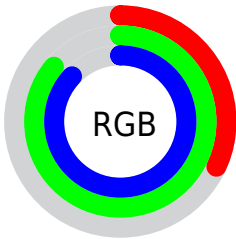
| Format | Color |
|-------------------------------------|---|
| RYB | 82, 151, 221 |
| Decimal | 5430237 |
| CIELab | 80.56, -35.78, -11.96 |
| CIELCh | 81, 37.728, 198.484 |
| Yxy | 57.6773, 0.2367, 0.3261 |
| Android (android.graphics.Color) | 4283620317 (0xFF52DBDD) |
| YUV | 178.2650, 21.0684, -84.4244 |
| Hunter-Lab | 75.9456, -34.5130, -7.2113 |

Details

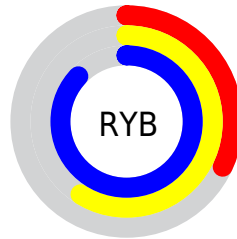
The XYZ color **41.8623, 57.6773, 77.3331** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **34.5133, 22.3232, 10.4738**, and the grayscale version is **42.3821, 44.5893, 48.5578**.

A 20% lighter version of the original color is **65.6641, 84.8510, 107.5248**, and **19.9801, 28.9476, 40.6108** is the 20% darker color. If you saturate the color by 10%, you get **40.1588, 56.6775, 77.2309**, and if you desaturate by 10%, it is **44.1881, 59.0008, 77.4670**.

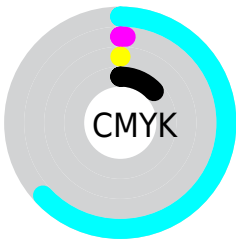
Distribution



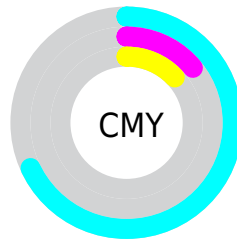
- Red (32%)
- Green (86%)
- Blue (87%)



- Red (32%)
- Yellow (59%)
- Blue (87%)



- Cyan (63%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (68%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8623, 57.6773, 77.3331 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 41.8623, 57.6773, 77.3331 by changing the saturation by 10% instead.

41.8623, 57.6773,
77.3331

41.8623, 57.6773,
77.3331

344.9131,
415.9824, 505.3668

29.1841, 41.5493,
57.0131

77.2577, 101.4528,
131.3869

19.3651, 28.7485,
40.6063

100.7055,
129.8690, 165.9578

12.0400, 18.8907,
27.6942

128.4740,
163.1501, 206.1160

6.8433, 11.5913,
17.8583

160.9285,
201.6805, 252.2802

3.4098, 6.4660,
10.6799

198.4343,
245.8445, 304.8688

1.3740, 3.1305,
5.7406

241.3568,

0.2376, 1.2002,

296.0266, 364.3004

2.6218

290.0613,
352.6111, 430.9936

■ 0.0000, 0.0619,
0.9037

■ 0.0000, 0.0000,
0.0000

■ 41.8623, 57.6773,
77.3331

■ 41.8623, 57.6773,
77.3331

■ 40.1588, 56.6775,
77.2309

■ 44.1881, 59.0008,
77.4670

■ 39.0105, 55.9628,
77.1535

■ 47.1847, 60.6689,
77.6311


■ 38.3445, 55.4970,
77.0987


■ 50.9016, 62.7087,
77.8289


■ 38.0772, 55.2723,
77.0694


■ 55.3824, 65.1426,
78.0625

 60.6673, 67.9911,
78.3338

 66.7933, 71.2735,
78.6445

 73.7956, 75.0079,
78.9962

 80.2919, 78.4817,
79.3243

 80.3762, 78.6502,
79.3524

Harmonies

Analogous

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



41.4717, 57.6773, 54.6570



41.8623, 57.6773, 77.3331



45.5209, 57.6773, 100.5018

Triad

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



41.8623, 57.6773, 77.3331



66.7581, 57.6773, 95.5641



57.8509, 57.6773, 29.5670

Complementary

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



41.8623, 57.6773, 77.3331



34.5133, 22.3232, 10.4738

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.



65.3076, 57.6773, 35.9493



41.8623, 57.6773, 77.3331



70.7644, 57.6773, 71.7157

Square

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



41.8623, 57.6773, 77.3331



59.6842, 57.6773, 112.6202



70.2099, 57.6773, 50.2136



50.2285, 57.6773, 30.3874

Rectangle

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



41.8623, 57.6773, 77.3331



49.5327, 57.6773, 111.4839



70.2099, 57.6773, 50.2136



60.4719, 57.6773, 30.8660

Sweetspot

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



41.8640, 57.6795, 77.3345



79.1948, 91.4971, 108.0944



30.8604, 54.1172, 16.8032



16.5189, 19.3508, 23.1144



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.



41.8640, 57.6795, 77.3345



55.0373, 78.0799, 106.7779



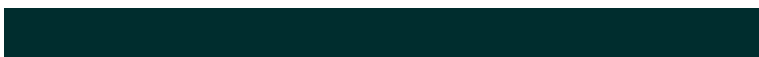
27.6796, 29.3106, 72.6063



13.4280, 14.7957, 16.8003



22.1270, 32.1234, 44.7726



1.4387, 2.0916, 2.9023

Inverse Universe

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



45.6237, 26.5227, 69.7349



60.6698, 31.9428, 95.2717



42.4905, 38.2776, 13.1329



13.6059, 13.2715, 16.4519



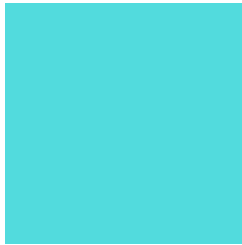
24.6640, 11.8666, 39.4723



1.6005, 0.7698, 2.5712

Previews

White Background



This preview shows how the XYZ color 41.8623, 57.6773, 77.3331 looks on a white background.

Color Contrast Check

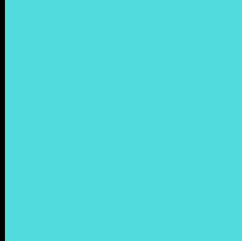
Large Text (above 18pt) WCAG AA × Fail

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 41.8623, 57.6773, 77.3331 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 41.8623, 57.6773, 77.3331

Background



This preview shows how black text looks on a background with the XYZ color 41.8623, 57.6773, 77.3331.



This preview shows how white text looks on a background with the XYZ color 41.8623, 57.6773,

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

41.8623, 57.6773, 77.3331

Protanopia

54.9046, 56.6287, 67.7112

Deuteranopia

57.8369, 56.5233, 80.5348



Tritanopia

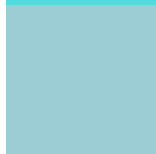
43.6886, 57.6409, 86.6651

Trichromacy



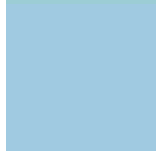
Original Color

41.8623, 57.6773, 77.3331



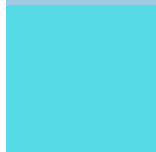
Protanomaly

47.5519, 55.5347, 71.1638



Deuteranomaly

49.2083, 55.1509, 79.2858



Tritanomaly

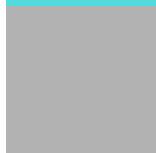
43.0520, 57.7784, 83.0120

Monochromacy



Original Color

41.8623, 57.6773, 77.3331



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

40.1353, 47.8746, 58.1643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8623, 57.6773, 77.3331 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(82, 219, 221)` looks like.

```
.text, #text, p{  
    color:rgb(82, 219, 221)  
}
```

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(82, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 41.8623, 57.6773, 77.3331 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(82, 219, 221) }
```


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

```
.border{ border-color:rgb(82, 219, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(82, 219,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8623, 57.6773, 77.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 219, 221) }
```

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

```
.background{ background-color: rgb(82, 219,  
221) }
```

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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