

Converting Colors

XYZ(42.9711, 52.4578, 80.4982)

Have a look what the booklet for
XYZ(42.9711, 52.4578, 80.4982)
contains.

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Color

**XYZ(43.0657, 52.6537,
80.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	77CCE3
RGB	119, 204, 227
RGB Percent	47%, 80%, 89%
CMY	0.5333, 0.2000, 0.1098
CMYK	0.48, 0.10, 0.00, 0.11
HSL	193°, 66%, 68%
HSV	193°, 48%, 89%
XYZ	43.0657, 52.6537, 80.5664
YIQ	181.2070, -58.0430, -10.8670

Conversions

Conversions Part 2

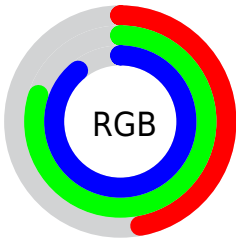
Format	Color
RYB	119, 167, 227
Decimal	7851235
CIELab	77.67, -19.72, -19.40
CIElCh	78, 27.658, 224.527
Yxy	52.6537, 0.2443, 0.2987
Android (android.graphics.Color)	4286041315 (0xFF77CCE3)
YUV	181.2070, 22.5759, -54.5555
Hunter-Lab	72.5629, -21.0462, -15.0356

Details

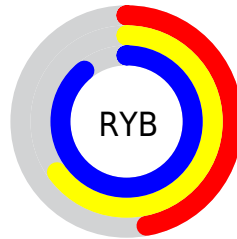
The XYZ color **43.0657, 52.6537, 80.5664** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.6824, 37.0099, 22.2428**, and the grayscale version is **43.9385, 46.2268, 50.3409**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **20.1564, 25.7211, 42.9320** is the 20% darker color. If you saturate the color by 10%, you get **39.1837, 48.9743, 80.0618**, and if you desaturate by 10%, it is **47.7306, 56.7920, 81.1202**.

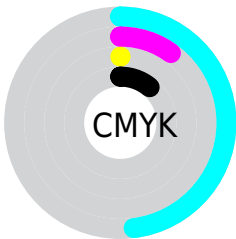
Distribution



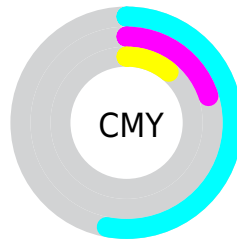
- Red (47%)
- Green (80%)
- Blue (89%)



- Red (47%)
- Yellow (65%)
- Blue (89%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0657, 52.6537, 80.5664 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 43.0657, 52.6537, 80.5664 by changing the saturation by 10% instead.

■ 43.0657, 52.6537,
80.5664

■ 43.0657, 52.6537,
80.5664

349.7988,
396.9551, 516.5966

■ 30.1314, 37.5264,
59.6556

■ 79.0651, 94.0946,
135.9804

■ 20.0869, 25.6153,
42.7177

■ 102.8609,
121.1770, 171.3206

■ 12.5669, 16.5361,
29.3339

■ 131.0079,
153.0132, 212.3078

■ 7.2059, 9.9043,
19.0858

163.8715,
189.9876, 259.3605

■ 3.6387, 5.3355,
11.5549

201.8171,
232.4846, 312.8972

■ 1.4998, 2.4455,
6.3225

245.2099,

■ 0.3257, 0.8491,

280.8885, 373.3364

2.9702

294.4154,
335.5839, 441.0967

■ 0.0000, 0.0000,
1.0794

■ 0.0000, 0.0000,
0.0000

■ 43.0657, 52.6537,
80.5664

■ 43.0657, 52.6537,
80.5664

■ 39.1837, 48.9743,
80.0618

■ 47.7306, 56.7920,
81.1202

■ 36.0255, 45.7193,
79.5999


■ 53.2223, 61.4087,
81.7219


■ 33.5314, 42.8587,
79.1792


■ 59.5872, 66.5295,
82.3749


■ 31.6292, 40.3548,
78.7962


■ 66.8666, 72.1760,
83.0811


 30.2218, 38.1569,
78.4461


 75.0994, 78.3688,
83.8425

 29.9176, 37.6507,
78.3645

 84.2463, 85.0881,
84.6574

 85.6337, 87.8628,
85.1198

 87.0588, 90.7132,
85.5949

 88.5220, 93.6396,
86.0826

Harmonies

Analogous

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



40.7353, 52.6537, 65.0415



43.0657, 52.6537, 80.5664



47.3518, 52.6537, 90.6620

Triad

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



43.0657, 52.6537, 80.5664



60.6268, 52.6537, 65.5535



47.5100, 52.6537, 33.2832

Complementary

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



43.0657, 52.6537, 80.5664



44.6824, 37.0099, 22.2428

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.



52.8400, 52.6537, 33.3708



43.0657, 52.6537, 80.5664



60.6767, 52.6537, 50.2552

Square

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



43.0657, 52.6537, 80.5664



57.6101, 52.6537, 80.9984



57.7420, 52.6537, 39.0567



43.1744, 52.6537, 38.7912

Rectangle

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



43.0657, 52.6537, 80.5664



50.8620, 52.6537, 91.9928



57.7420, 52.6537, 39.0567



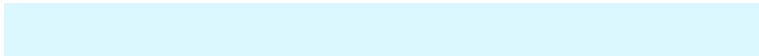
49.2383, 52.6537, 32.6953

Sweetspot

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



43.0673, 52.6557, 80.5676



80.7363, 89.0917, 107.5489



39.8561, 60.7724, 34.6747



16.8551, 18.7361, 22.9780



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.



43.0673, 52.6557, 80.5676



51.1054, 63.8495, 104.2384



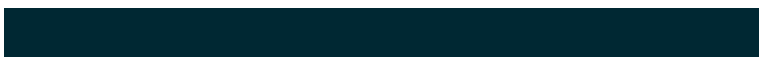
32.6054, 31.7317, 77.0803



14.5333, 15.7880, 18.4257



17.5358, 22.1337, 45.7312



1.3610, 1.7660, 3.4011

Inverse Universe

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



49.1758, 33.8856, 61.0776



60.2393, 37.7209, 74.6608



54.4351, 56.5153, 25.4937



14.8568, 14.5599, 17.4461



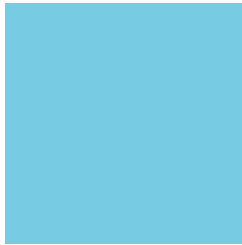
23.2448, 11.4321, 25.9816



1.7506, 0.8580, 2.0933

Previews

White Background



This preview shows how the XYZ color 43.0657, 52.6537, 80.5664 looks on a white background.

Color Contrast Check

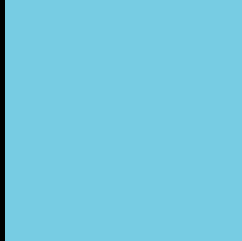
Large Text (above 18pt) WCAG AA × Fail

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 43.0657, 52.6537, 80.5664 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 43.0657, 52.6537, 80.5664

Background



This preview shows how black text looks on a background with the XYZ color 43.0657, 52.6537, 80.5664.



This preview shows how white text looks on a background with the XYZ color 43.0657, 52.6537,

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

43.0657, 52.6537, 80.5664

Protanopia

50.9717, 51.8440, 72.9660

Deuteranopia

53.4293, 52.2573, 82.8719



Tritanopia

42.2186, 52.6650, 76.3468

Trichromacy



Original Color

43.0657, 52.6537, 80.5664

Protanomaly

47.2432, 51.4854, 75.8543

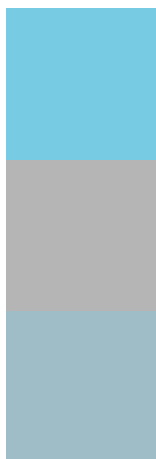
Deuteranomaly

48.6627, 51.7456, 82.2860

Tritanomaly

42.6218, 52.8419, 77.7651

Monochromacy



Original Color

43.0657, 52.6537, 80.5664

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.4912, 47.7415, 60.4016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0657, 52.6537, 80.5664 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(119, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(119, 204, 227)  
}
```

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(119, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 204, 227) }
```

Border

The CSS property to change the border of an element to XYZ 43.0657, 52.6537, 80.5664 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(119, 204, 227) }
```


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

```
.border{ border-color:rgb(119, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(119, 204,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0657, 52.6537, 80.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 204, 227) }
```

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

```
.background{ background-color: rgb(119,  
204, 227) }
```

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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