

Converting Colors

XYZ(43.0967, 57.6790, 76.4378)

Have a look what the booklet for
XYZ(43.0967, 57.6790, 76.4378)
contains.

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Color

**XYZ(43.0980, 57.5597,
76.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	65D9DC
RGB	101, 217, 220
RGB Percent	40%, 85%, 86%
CMY	0.6039, 0.1490, 0.1372
CMYK	0.54, 0.01, 0.00, 0.14
HSL	182°, 63%, 63%
HSV	182°, 54%, 86%
XYZ	43.0980, 57.5597, 76.5488
YIQ	182.6580, -70.0990, -23.6590

Conversions

Conversions Part 2

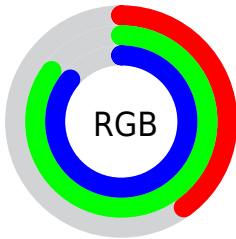
Format	Color
RYB	101, 160, 220
Decimal	6674908
CIELab	80.49, -31.79, -11.47
CIELCh	80, 33.797, 199.838
Yxy	57.5597, 0.2432, 0.3248
Android (android.graphics.Color)	4284864988 (0xFF65D9DC)
YUV	182.6580, 18.4096, -71.6141
Hunter-Lab	75.8681, -31.3696, -6.7143

Details

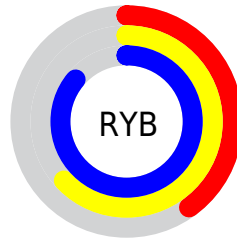
The XYZ color **43.0980, 57.5597, 76.5488** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.8157, 26.0571, 15.4027**, and the grayscale version is **44.7541, 47.0848, 51.2754**.

A 20% lighter version of the original color is **68.5079, 86.3171, 107.6579**, and **20.1639, 28.7903, 40.0916** is the 20% darker color. If you saturate the color by 10%, you get **40.8145, 56.1721, 76.4023**, and if you desaturate by 10%, it is **46.0446, 59.2925, 76.7290**.

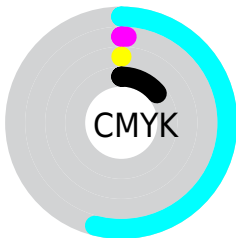
Distribution



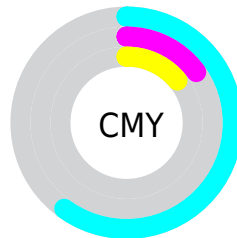
- Red (40%)
- Green (85%)
- Blue (86%)



- Red (40%)
- Yellow (63%)
- Blue (86%)



- Cyan (54%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)





- Cyan (60%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0980, 57.5597, 76.5488 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 43.0980, 57.5597, 76.5488 by changing the saturation by 10% instead.


 43.0980, 57.5597,
76.5488


 43.0980, 57.5597,
76.5488


349.9293,
415.5433, 502.6210


 30.1569, 41.4548,
56.3733


 79.1135, 101.2814,
130.2696


 20.1064, 28.6746,
40.0963

 102.9186,
129.6670, 164.6519

 12.5811, 18.8348,
27.2993


 131.0757,
162.9149, 204.6069

 7.2157, 11.5510,
17.5637

 163.9503,
201.4095, 250.5531

 3.6449, 6.4387,
10.4710

201.9075,
245.5353, 302.9091

 1.5033, 3.1136,
5.6027

245.3129,

 0.3281, 1.1913,

295.6766, 362.0934

2.5402

294.5317,
352.2178, 428.5245

■ 0.0000, 0.0546,
0.8613

■ 0.0000, 0.0000,
0.0000

■ 43.0980, 57.5597,
76.5488

■ 43.0980, 57.5597,
76.5488

■ 40.8145, 56.1721,
76.4023

■ 46.0446, 59.2925,
76.7290

■ 39.1351, 55.0952,
76.2830

■ 49.6972, 61.3886,
76.9411

■ 37.9990, 54.2993,
76.1892

■ 54.1008, 63.8727,
77.1884

■ 37.3306, 53.7450,
76.1175

■ 59.2956, 66.7653,
77.4730

■ 37.0812, 53.4929,
76.0820

■ 65.3186, 70.0856,
77.7964

■ 72.2048, 73.8516,
78.1604

■ 79.9842, 78.0788,
78.5663

■ 80.1307, 78.3718,
78.6151

■ 80.2776, 78.6658,
78.6641

Harmonies

Analogous

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



42.6033, 57.5597, 56.1724



43.0980, 57.5597, 76.5488



46.5501, 57.5597, 96.6286

Triad

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



43.0980, 57.5597, 76.5488



65.5470, 57.5597, 90.6754



57.0957, 57.5597, 32.0933

Complementary

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



43.0980, 57.5597, 76.5488



36.8157, 26.0571, 15.4027

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.



63.7690, 57.5597, 37.7802



43.0980, 57.5597, 76.5488



68.9142, 57.5597, 69.6561

Square

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



43.0980, 57.5597, 76.5488



59.3607, 57.5597, 105.9044



68.2374, 57.5597, 50.5838



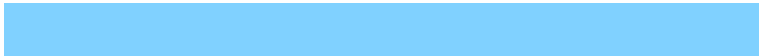
50.3065, 57.5597, 33.1724

Rectangle

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



43.0980, 57.5597, 76.5488



50.2395, 57.5597, 105.7995



68.2374, 57.5597, 50.5838



59.4356, 57.5597, 33.2208

Sweetspot

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



43.0997, 57.5619, 76.5502



81.2729, 92.4121, 108.1615



33.4088, 54.9333, 21.6716



17.0637, 19.5955, 23.1329



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.



43.0997, 57.5619, 76.5502



56.6360, 78.2406, 106.7247



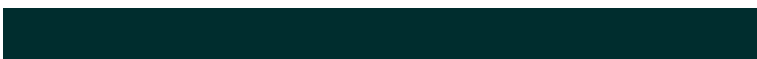
30.6019, 32.5662, 72.3842



13.4153, 14.7703, 16.7960



21.7754, 31.4201, 44.6554



1.4198, 2.0537, 2.8960

Inverse Universe

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



46.6948, 29.5344, 68.8876



62.2180, 35.4004, 94.6750



44.8713, 42.1682, 18.0879



13.5995, 13.2689, 16.4181



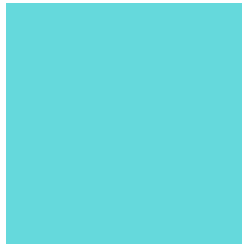
24.4865, 11.7956, 38.5376



1.5909, 0.7660, 2.5208

Previews

White Background



This preview shows how the XYZ color 43.0980, 57.5597, 76.5488 looks on a white background.

Color Contrast Check

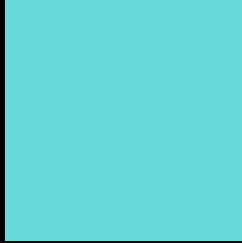
Large Text (above 18pt) WCAG AA × Fail

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 43.0980, 57.5597, 76.5488 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

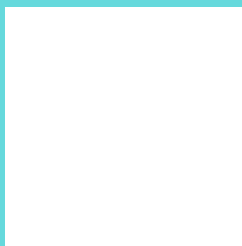
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0980, 57.5597, 76.5488

Background



This preview shows how black text looks on a background with the XYZ color 43.0980, 57.5597, 76.5488.

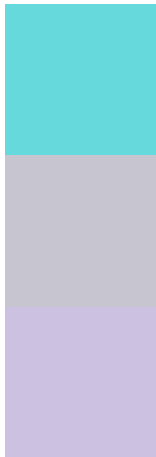


This preview shows how white text looks on a background with the XYZ color 43.0980, 57.5597,

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

43.0980, 57.5597, 76.5488

Protanopia

54.9046, 56.6287, 67.7112

Deuteranopia

57.8374, 56.5553, 79.1021



Tritanopia

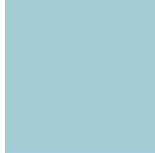
44.8098, 57.4912, 85.0791

Trichromacy



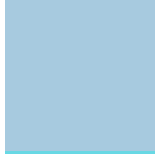
Original Color

43.0980, 57.5597, 76.5488



Protanomaly

48.5808, 55.7257, 70.4830



Deuteranomaly

50.3762, 55.7843, 77.9244



Tritanomaly

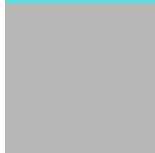
44.2684, 57.6562, 82.1944

Monochromacy



Original Color

43.0980, 57.5597, 76.5488



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.6158, 49.7880, 59.5885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0980, 57.5597, 76.5488 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(101, 217, 220)` looks like.

```
.text, #text, p{  
    color:rgb(101, 217, 220)  
}
```

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(101, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 217, 220) }
```

Border

The CSS property to change the border of an element to XYZ 43.0980, 57.5597, 76.5488 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(101, 217, 220) }
```


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

```
.border{ border-color:rgb(101, 217, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(101, 217,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0980, 57.5597, 76.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 217, 220) }
```

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

```
.background{ background-color: rgb(101,  
217, 220) }
```

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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