

Converting Colors

XYZ(43.4851, 55.1490, 75.1742)

Have a look what the booklet for
XYZ(43.4851, 55.1490, 75.1742)
contains.

XYZ(43.5785, 55.2007, 75.3758)	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(43.5785, 55.2007,
75.3758)**

Conversions

Conversions Part 1

Format	Color
Hex	78D2DB
RGB	120, 210, 219
RGB Percent	47%, 82%, 86%
CMY	0.5294, 0.1765, 0.1412
CMYK	0.45, 0.04, 0.00, 0.14
HSL	185°, 58%, 66%
HSV	185°, 45%, 86%
XYZ	43.5785, 55.2007, 75.3758
YIQ	184.1160, -56.5290, -16.2810

Conversions

Conversions Part 2

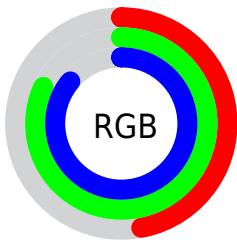
Format	Color
R _Y B	120, 167, 219
Decimal	7918299
CIE Lab	79.16, -24.61, -12.86
CIE LCh	79, 27.766, 207.593
Yxy	55.2007, 0.2502, 0.3170
Android (android.graphics.Color)	4286108379 (0xFF78D2DB)
YUV	184.1160, 17.1978, -56.2297
Hunter-Lab	74.2972, -25.3221, -8.1427

Details

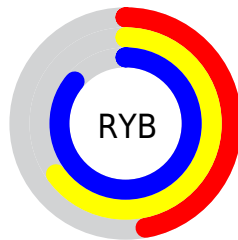
The XYZ color **43.5785, 55.2007, 75.3758** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.4549, 32.1176, 21.8379**, and the grayscale version is **45.5558, 47.9283, 52.1939**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **20.3467, 27.1151, 39.2833** is the 20% darker color. If you saturate the color by 10%, you get **40.3937, 52.8351, 75.0880**, and if you desaturate by 10%, it is **47.4673, 57.9409, 75.7007**.

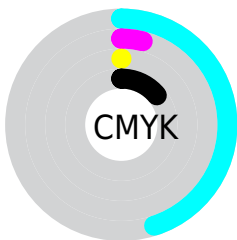
Distribution



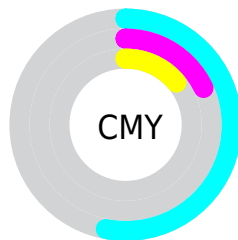
- Red (47%)
- Green (82%)
- Blue (86%)



- Red (47%)
- Yellow (65%)
- Blue (86%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (53%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5785, 55.2007, 75.3758 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 43.5785, 55.2007, 75.3758 by changing the saturation by 10% instead.

43.5785, 55.2007,
75.3758

43.5785, 55.2007,
75.3758

351.8668,
406.6723, 498.4981

30.5358, 39.5624,
55.4172

79.8334, 97.8349,
128.5962

20.3957, 27.1975,
39.3350

103.7763,
125.5997, 162.6950

12.7929, 17.7216,
26.7106

132.0832,
158.1754, 202.3444

7.3621, 10.7503,
17.1255

165.1196,
195.9465, 247.9629

3.7379, 5.8992,
10.1611

203.2508,
239.2974, 299.9689

1.5550, 2.7839,
5.3989

246.8422,

0.3628, 1.0200,

288.6123, 358.7811

2.4204

296.2591,
344.2758, 424.8180

■ 0.0000, 0.0000,
0.7975

■ 0.0000, 0.0000,
0.0000

■ 43.5785, 55.2007,
75.3758

■ 43.5785, 55.2007,
75.3758

■ 40.3937, 52.8351,
75.0880

■ 47.4673, 57.9409,
75.7007

■ 37.8598, 50.8128,
74.8312

■ 52.0986, 61.0716,
76.0609

■ 35.9245, 49.1081,
74.6042

■ 57.5139, 64.6157,
76.4596

■ 34.5249, 47.6886,
74.4040

■ 63.7504, 68.5922,
76.8984

■ 33.5840, 46.5145,
74.2269

■ 70.8426, 73.0192,
77.3791

■ 33.2319, 46.0056,
74.1473

■ 78.8233, 77.9134,
77.9031

■ 80.6651, 79.6521,
78.1417

■ 81.2031, 80.7279,
78.3210

■ 81.7473, 81.8164,
78.5024

Harmonies

Analogous

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



42.5245, 55.2007, 58.8317



43.5785, 55.2007, 75.3758



46.9608, 55.2007, 89.7241

Triad

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



43.5785, 55.2007, 75.3758



61.9864, 55.2007, 77.9867



52.9154, 55.2007, 34.4800

Complementary

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



43.5785, 55.2007, 75.3758



40.4549, 32.1176, 21.8379

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.



58.3868, 55.2007, 37.8465



43.5785, 55.2007, 75.3758



63.8488, 55.2007, 61.3948

Square

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



43.5785, 55.2007, 75.3758



57.5584, 55.2007, 91.4085



62.4878, 55.2007, 47.0486



47.6843, 55.2007, 36.9128

Rectangle

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



43.5785, 55.2007, 75.3758



50.2104, 55.2007, 95.1049



62.4878, 55.2007, 47.0486



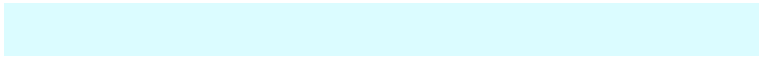
54.7894, 55.2007, 34.9556

Sweetspot

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



43.5802, 55.2028, 75.3771



82.0873, 91.7938, 107.9992



36.9913, 56.2224, 29.4123



17.1874, 19.4006, 23.0888



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.



43.5802, 55.2028, 75.3771



57.3230, 74.8157, 106.0274



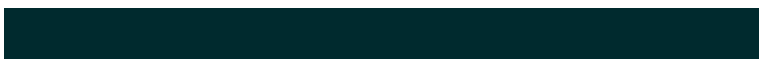
33.3219, 34.6863, 71.9577



13.3384, 14.6166, 16.7704



19.7471, 27.3635, 43.9793



1.3095, 1.8332, 2.8593

Inverse Universe

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



47.5641, 33.1476, 64.8663



63.7362, 40.4926, 88.8428



48.4755, 48.1589, 24.5114



13.5607, 13.2534, 16.2138



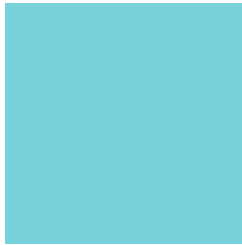
23.4627, 11.3861, 33.1464



1.5353, 0.7437, 2.2277

Previews

White Background



This preview shows how the XYZ color 43.5785, 55.2007, 75.3758 looks on a white background.

Color Contrast Check

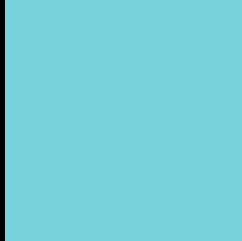
Large Text (above 18pt) WCAG AA × Fail

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 43.5785, 55.2007, 75.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

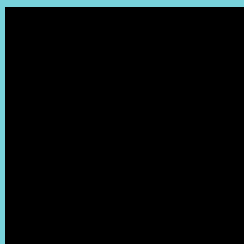
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

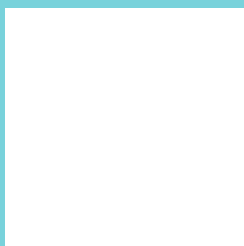
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5785, 55.2007, 75.3758

Background



This preview shows how black text looks on a background with the XYZ color 43.5785, 55.2007, 75.3758.

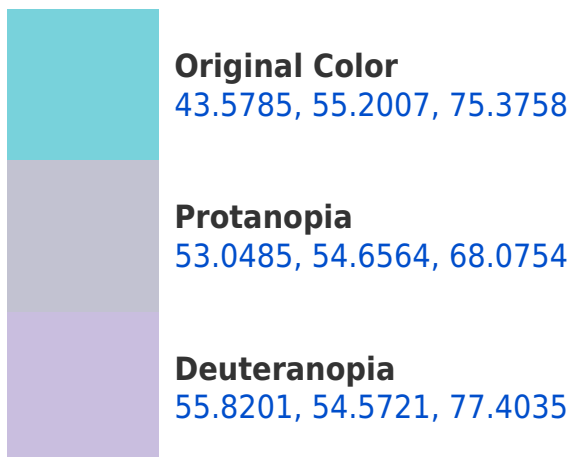


This preview shows how white text looks on a background with the XYZ color 43.5785, 55.2007,

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

44.5540, 55.2295, 80.2636

Trichromacy



Original Color

43.5785, 55.2007, 75.3758

Protanomaly

48.6009, 54.3281, 70.8756

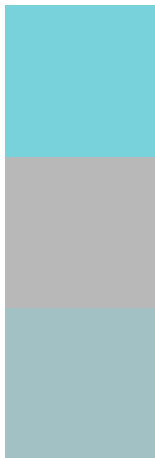
Deuteranomaly

50.1643, 53.9771, 76.8819

Tritanomaly

44.0049, 54.9936, 78.1076

Monochromacy



Original Color

43.5785, 55.2007, 75.3758

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.8460, 49.7482, 60.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5785, 55.2007, 75.3758 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(120, 210, 219)` looks like.

```
.text, #text, p{  
    color:rgb(120, 210, 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(120, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 210, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.5785, 55.2007, 75.3758 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(120, 210, 219) }
```


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

```
.border{ border-color:rgb(120, 210, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 210, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 210, 219);  
box-shadow:4px 4px 4px 4px rgb(120, 210,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5785, 55.2007, 75.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 210, 219) }
```

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

```
.background{ background-color: rgb(120,  
210, 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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