

Converting Colors

XYZ(43.0807, 54.1384, 78.7002)

Have a look what the booklet for
XYZ(43.0807, 54.1384, 78.7002)
contains.

XYZ(43.0807, 54.1384, 78.7002)	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(43.0807, 54.1384,
78.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	73D0E0
RGB	115, 208, 224
RGB Percent	45%, 82%, 88%
CMY	0.5490, 0.1843, 0.1216
CMYK	0.49, 0.07, 0.00, 0.12
HSL	189°, 64%, 66%
HSV	189°, 49%, 88%
XYZ	43.0807, 54.1384, 78.7002
YIQ	182.0170, -60.5640, -14.7400

Conversions

Conversions Part 2

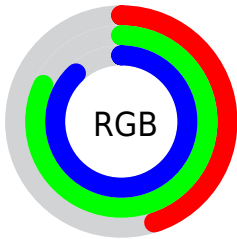
Format	Color
R _Y B	115, 165, 224
Decimal	7590112
CIE Lab	78.54, -23.43, -16.48
CIE LCh	79, 28.650, 215.124
Yxy	54.1384, 0.2449, 0.3077
Android (android.graphics.Color)	4285780192 (0xFF73D0E0)
YUV	182.0170, 20.6976, -58.7739
Hunter-Lab	73.5788, -24.2504, -11.9117

Details

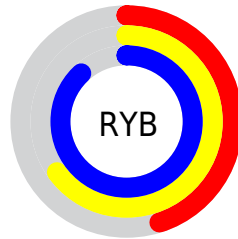
The XYZ color **43.0807, 54.1384, 78.7002** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.9525, 33.3190, 20.4414**, and the grayscale version is **44.3887, 46.7004, 50.8567**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **20.0740, 26.4313, 41.5799** is the 20% darker color. If you saturate the color by 10%, you get **39.6924, 51.2152, 78.3155**, and if you desaturate by 10%, it is **47.2045, 57.4679, 79.1265**.

Distribution



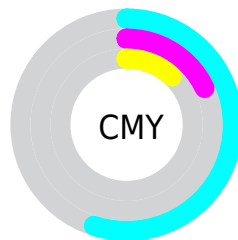
- Red (45%)
- Green (82%)
- Blue (88%)



- Red (45%)
- Yellow (65%)
- Blue (88%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (55%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0807, 54.1384, 78.7002 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 43.0807, 54.1384, 78.7002 by changing the saturation by 10% instead.

■ 43.0807, 54.1384,
78.7002

■ 43.0807, 54.1384,
78.7002

349.8594,
402.6376, 510.1323

■ 30.1432, 38.7123,
58.1295

■ 79.0876, 96.2774,
133.3316

■ 20.0959, 26.5360,
41.4974

■ 102.8877,
123.7592, 168.2293

■ 12.5735, 17.2251,
28.3853

■ 131.0394,
156.0282, 208.7398

■ 7.2105, 10.3951,
18.3747

163.9081,
193.4691, 255.2815

■ 3.6416, 5.6617,
11.0471

201.8591,
236.4660, 308.2731

■ 1.5014, 2.6405,
5.9840

245.2577,

■ 0.3268, 0.9471,

285.4035, 368.1331

2.7667

294.4694,
340.6658, 435.2800

■ 0.0000, 0.0000,
0.9768

■ 0.0000, 0.0000,
0.0000

■ 43.0807, 54.1384,
78.7002

■ 43.0807, 54.1384,
78.7002

■ 39.6924, 51.2152,
78.3155

■ 47.2045, 57.4679,
79.1265

■ 36.9818, 48.6646,
77.9661


■ 52.1065, 61.2222,
79.5928


■ 34.8906, 46.4577,
77.6503

■ 57.8317, 65.4258,
80.1024


■ 33.3477, 44.5577,
77.3649


■ 64.4203, 70.0997,
80.6573


 32.2464, 42.9095,
77.1048


 71.9099, 75.2632,
81.2592

 32.1124, 42.6973,
77.0709

 80.3359, 80.9349,
81.9098

 83.2757, 83.8038,
82.3087

 84.2047, 85.6619,
82.6183

 85.1511, 87.5546,
82.9338

Harmonies

Analogous

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



41.3864, 54.1384, 61.7673



43.0807, 54.1384, 78.7002



47.0252, 54.1384, 91.8817

Triad

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



43.0807, 54.1384, 78.7002



61.9445, 54.1384, 73.0132



50.4937, 54.1384, 33.0925

Complementary

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



43.0807, 54.1384, 78.7002



41.9525, 33.3190, 20.4414

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.



56.1587, 54.1384, 35.0062



43.0807, 54.1384, 78.7002



63.0413, 54.1384, 56.2149

Square

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



43.0807, 54.1384, 78.7002



57.9572, 54.1384, 88.2002



60.8541, 54.1384, 42.8117



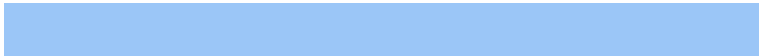
45.4618, 54.1384, 37.0044

Rectangle

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



43.0807, 54.1384, 78.7002



50.5399, 54.1384, 95.6580



60.8541, 54.1384, 42.8117



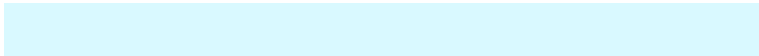
52.3850, 54.1384, 33.0845

Sweetspot

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



43.0824, 54.1405, 78.7015



80.5861, 89.9235, 107.7174



37.7253, 58.5566, 30.2712



16.8606, 18.9697, 23.0228



0.0000, 0.0000, 0.0000



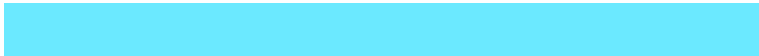
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0824, 54.1405, 78.7015



53.3470, 68.7951, 105.0748



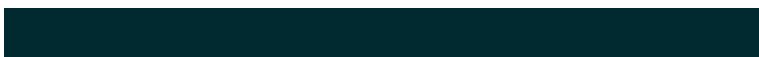
32.2421, 32.4600, 75.0881



13.9362, 15.2115, 17.5893



18.7578, 24.9851, 44.8823



1.3475, 1.8265, 3.1268

Inverse Universe

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



48.2578, 32.6645, 63.4381



61.2578, 37.6961, 81.3569



50.9837, 51.3815, 23.4518



14.2040, 13.8992, 16.8444



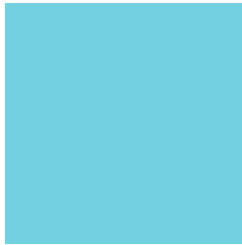
23.4083, 11.4303, 29.8793



1.6464, 0.8018, 2.1969

Previews

White Background



This preview shows how the XYZ color 43.0807, 54.1384, 78.7002 looks on a white background.

Color Contrast Check

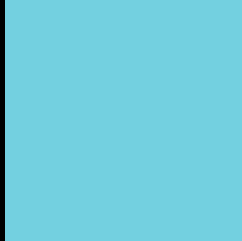
Large Text (above 18pt) WCAG AA × Fail

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 43.0807, 54.1384, 78.7002 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 43.0807, 54.1384, 78.7002

Background



This preview shows how black text looks on a background with the XYZ color 43.0807, 54.1384, 78.7002.



This preview shows how white text looks on a background with the XYZ color 43.0807, 54.1384,

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

43.0807, 54.1384, 78.7002

Protanopia

52.4731, 53.6307, 71.2045

Deuteranopia

54.7069, 53.5987, 80.8610



Tritanopia

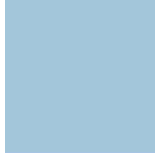
43.2167, 54.1928, 79.4167

Trichromacy



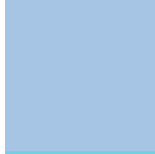
Original Color

43.0807, 54.1384, 78.7002



Protanomaly

47.9532, 53.2367, 74.0780



Deuteranomaly

49.3309, 53.1329, 80.3287



Tritanomaly

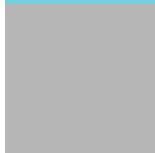
43.2167, 54.1928, 79.4167

Monochromacy



Original Color

43.0807, 54.1384, 78.7002



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.8094, 48.5619, 59.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0807, 54.1384, 78.7002 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(115, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(115, 208, 224)  
}
```

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(115, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 208, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.0807, 54.1384, 78.7002 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(115, 208, 224) }
```


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

```
.border{ border-color:rgb(115, 208, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 208, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(115, 208,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0807, 54.1384, 78.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 208, 224) }
```

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

```
.background{ background-color: rgb(115,  
208, 224) }
```

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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