

Converting Colors

XYZ(40.1806, 54.2931, 62.0131)

Have a look what the booklet for
XYZ(40.1806, 54.2931, 62.0131)
contains.

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Color

**XYZ(40.0429, 54.0453,
61.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD3C6
RGB	111, 211, 198
RGB Percent	44%, 83%, 78%
CMY	0.5647, 0.1725, 0.2235
CMYK	0.47, 0.00, 0.06, 0.17
HSL	172°, 53%, 63%
HSV	172°, 47%, 83%
XYZ	40.0429, 54.0453, 61.7474
YIQ	179.6180, -55.4270, -25.2430

Conversions

Conversions Part 2

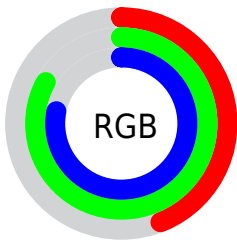
Format	Color
RYB	111, 164, 211
Decimal	7328710
CIELab	78.49, -32.45, -2.63
CIELCh	78, 32.555, 184.642
Yxy	54.0453, 0.2570, 0.3468
Android (android.graphics.Color)	4285518790 (0xFF6FD3C6)
YUV	179.6180, 9.0623, -60.1780
Hunter-Lab	73.5155, -31.4256, 1.6618

Details

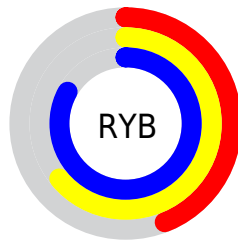
The XYZ color **40.0429, 54.0453, 61.7474** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.1884, 26.6746, 22.3122**, and the grayscale version is **43.1534, 45.4007, 49.4414**.

A 20% lighter version of the original color is **69.9584, 87.0648, 107.7257**, and **18.2877, 26.4944, 30.5356** is the 20% darker color. If you saturate the color by 10%, you get **37.3818, 52.7110, 59.9869**, and if you desaturate by 10%, it is **43.3399, 55.7094, 63.5700**.

Distribution



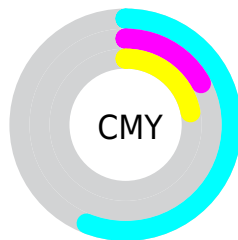
- Red (44%)
- Green (83%)
- Blue (78%)



- Red (44%)
- Yellow (64%)
- Blue (83%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)





- Cyan (56%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0429, 54.0453, 61.7474 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 40.0429, 54.0453, 61.7474 by changing the saturation by 10% instead.


 40.0429, 54.0453,
61.7474


 40.0429, 54.0453,
61.7474


337.4357,
402.2827, 448.9913


 27.7564, 38.6379,
44.3942


 74.5128, 96.1408,
108.9284

 18.2816, 26.4781,
30.6410


 97.4268, 123.5976,
139.5933

 11.2533, 17.1817,
20.0695


 124.6140,
155.8397, 175.5324

 6.3060, 10.3641,
12.2610

156.4398,
193.2514, 217.1644

 3.0744, 5.6410,
6.7970

193.2695,
236.2172, 264.9077

 1.1933, 2.6281,
3.2589

235.4685,

 0.1010, 0.9408,

285.1214, 319.1809

1.2283

283.4021,
340.3484, 380.4026

■ 0.0000, 0.0000,
0.0019

■ 0.0000, 0.0000,
0.0000

■ 40.0429, 54.0453,
61.7474

■ 40.0429, 54.0453,
61.7474

■ 37.3818, 52.7110,
59.9869

■ 43.3399, 55.7094,
63.5700

■ 35.3071, 51.6770,
58.2824


■ 47.3086, 57.7177,
65.4529


■ 33.7694, 50.9192,
56.6327

■ 51.9876, 60.0917,
67.3993


■ 32.7093, 50.4070,
55.0347


■ 57.4114, 62.8488,
69.4109


 32.0456, 50.0985,
53.4847


 63.6121, 66.0058,
71.4894

 31.9017, 50.0330,
53.0866

 70.6198, 69.5781,
73.6364

 77.0864, 72.8709,
75.7889

 77.4468, 73.0150,
77.6866

 77.8131, 73.1615,
79.6157

Harmonies

Analogous

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



41.0219, 54.0453, 44.9934



40.0429, 54.0453, 61.7474



41.8859, 54.0453, 81.2640

Triad

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



40.0429, 54.0453, 61.7474



58.6936, 54.0453, 92.9037



56.8267, 54.0453, 32.3772

Complementary

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



40.0429, 54.0453, 61.7474



36.1884, 26.6746, 22.3122

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.



62.1839, 54.0453, 40.9842



40.0429, 54.0453, 61.7474



63.3231, 54.0453, 75.2850

Square

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



40.0429, 54.0453, 61.7474



52.3717, 54.0453, 101.4773



64.6503, 54.0453, 56.0372



50.3780, 54.0453, 30.2222

Rectangle

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



40.0429, 54.0453, 61.7474



44.5647, 54.0453, 92.5609



64.6503, 54.0453, 56.0372



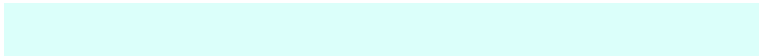
58.8316, 54.0453, 34.5092

Sweetspot

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



40.0445, 54.0474, 61.7487



82.3753, 93.5513, 104.4528



34.5257, 52.0484, 23.2668



17.2586, 19.8342, 22.2144



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.



40.0445, 54.0474, 61.7487



57.3020, 80.8746, 92.0243



33.5157, 38.4857, 67.2925



12.0895, 13.3795, 14.8275



19.2789, 30.2045, 32.1786



1.0968, 1.6964, 1.8985

Inverse Universe

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



36.1884, 26.6746, 22.3122



50.7107, 33.9095, 24.4844



40.2728, 36.0738, 19.8804



11.8704, 11.8329, 12.5934



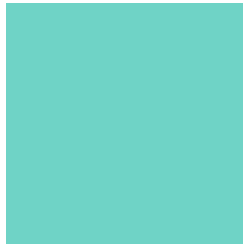
16.3561, 8.4153, 1.5154



0.9356, 0.4789, 0.1955

Previews

White Background



This preview shows how the XYZ color 40.0429, 54.0453, 61.7474 looks on a white background.

Color Contrast Check

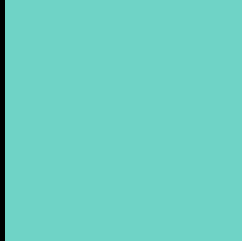
Large Text (above 18pt) WCAG AA × Fail

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 40.0429, 54.0453, 61.7474 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

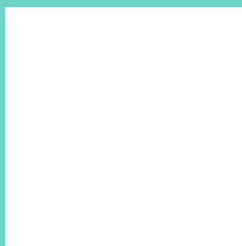
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0429, 54.0453, 61.7474

Background



This preview shows how black text looks on a background with the XYZ color 40.0429, 54.0453, 61.7474.

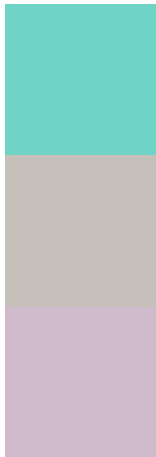


This preview shows how white text looks on a background with the XYZ color 40.0429, 54.0453,

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

40.0429, 54.0453, 61.7474

Protanopia

51.1080, 53.2929, 54.6066

Deuteranopia

54.2819, 53.1178, 63.8917



Tritanopia

43.3751, 53.9294, 78.6443

Trichromacy



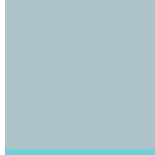
Original Color

40.0429, 54.0453, 61.7474



Protanomaly

45.5533, 52.7154, 57.0644



Deuteranomaly

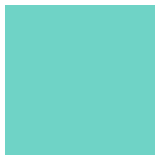
47.2958, 52.4676, 62.8928



Tritanomaly

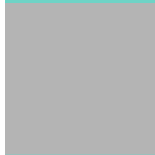
42.0241, 53.7311, 72.4462

Monochromacy



Original Color

40.0429, 54.0453, 61.7474



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.1180, 47.8180, 54.0764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0429, 54.0453, 61.7474 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(111, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(111, 211, 198)  
}
```

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(111, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 211, 198) }
```

Border

The CSS property to change the border of an element to XYZ 40.0429, 54.0453, 61.7474 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(111, 211, 198) }
```


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

```
.border{ border-color:rgb(111, 211, 198) }
```

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

Here you see how a box with a 4 pixel rgb(111, 211, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(111, 211,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0429, 54.0453, 61.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 211, 198) }
```

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

```
.background{ background-color: rgb(111,  
211, 198) }
```

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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