

Converting Colors

XYZ(54.6499, 64.3233, 80.3411)

Have a look what the booklet for
XYZ(54.6499, 64.3233, 80.3411)
contains.

XYZ(54.5119, 64.1518, 80.0305)	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(54.5119, 64.1518,
80.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	A6DBE0
RGB	166, 219, 224
RGB Percent	65%, 86%, 88%
CMY	0.3490, 0.1412, 0.1216
CMYK	0.26, 0.02, 0.00, 0.12
HSL	185°, 48%, 76%
HSV	185°, 26%, 88%
XYZ	54.5119, 64.1518, 80.0305
YIQ	203.7230, -33.1930, -9.6810

Conversions

Conversions Part 2

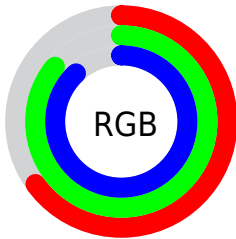
Format	Color
R _{YB}	166, 194, 224
Decimal	10935264
CIE Lab	84.04, -15.81, -8.00
CIE LCh	84, 17.717, 206.852
Yxy	64.1518, 0.2744, 0.3229
Android (android.graphics.Color)	4289125344 (0xFFA6DBE0)
YUV	203.7230, 9.9966, -33.0831
Hunter-Lab	80.0948, -18.6802, -3.1760

Details

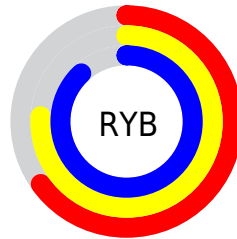
The XYZ color **54.5119, 64.1518, 80.0305** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1870, 47.7266, 42.5392**, and the grayscale version is **57.1751, 60.1526, 65.5062**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **27.1190, 32.8602, 42.4495** is the 20% darker color. If you saturate the color by 10%, you get **49.7190, 60.9394, 79.6641**, and if you desaturate by 10%, it is **60.1322, 67.8027, 80.4400**.

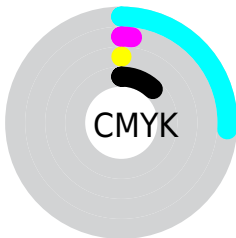
Distribution



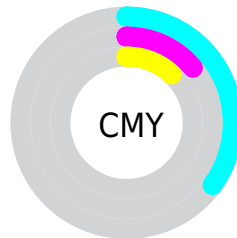
- Red (65%)
- Green (86%)
- Blue (88%)



- Red (65%)
- Yellow (76%)
- Blue (88%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (35%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5119, 64.1518, 80.0305 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 54.5119, 64.1518, 80.0305 by changing the saturation by 10% instead.

■ 54.5119, 64.1518,
80.0305

■ 54.5119, 64.1518,
80.0305

394.2256,
439.7376, 514.7451

■ 39.2434, 46.7736,
59.2171

■ 95.9779, 110.8295,
135.2204

■ 27.1307, 32.8567,
42.3668

■ 122.9062,
140.8979, 170.4340

■ 17.8085, 22.0167,
29.0609

154.4517,
175.9651, 211.2848

■ 10.9114, 13.8692,
18.8809

190.9798,
216.4155, 258.1913

■ 6.0742, 8.0297,
11.4083

232.8559,
262.6336, 311.5720

■ 2.9313, 4.1140,
6.2246

280.4453,

■ 1.1175, 1.7375,

315.0037, 371.8455

2.9111

334.1134,
373.9102, 439.4304

■ 0.0397, 0.4478,
1.0494

■ 0.0000, 0.0000,
0.0000

■ 54.5119, 64.1518,
80.0305

■ 54.5119, 64.1518,
80.0305

■ 49.7190, 60.9394,
79.6641

■ 60.1322, 67.8027,
80.4400

■ 45.7054, 58.1358,
79.3345

■ 66.6137, 71.9046,
80.8902

■ 42.4269, 55.7196,
79.0409

■ 73.9950, 76.4790,
81.3841

■ 39.8322, 53.6647,
78.7810

■ 82.0885, 81.4294,
81.9130

■ 37.8636, 51.9410,
78.5521

■ 82.6186, 82.4895,
82.0897

■ 36.4538, 50.5139,
78.3510

■ 83.1545, 83.5614,
82.2684

■ 35.5196, 49.3405,
78.1737

■ 83.6964, 84.6453,
82.4490

■ 35.2146, 48.9016,
78.1051

■ 84.2443, 85.7411,
82.6316

■ 84.7982, 86.8488,
82.8163

Harmonies

Analogous

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



53.7738, 64.1518, 68.6750



54.5119, 64.1518, 80.0305



56.9564, 64.1518, 89.4659

Triad

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



54.5119, 64.1518, 80.0305



67.4858, 64.1518, 82.2934



61.3881, 64.1518, 50.4876

Complementary

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



54.5119, 64.1518, 80.0305



52.1870, 47.7266, 42.5392

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.



65.1770, 64.1518, 53.3346



54.5119, 64.1518, 80.0305



68.7907, 64.1518, 71.0392

Square

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



54.5119, 64.1518, 80.0305



64.4324, 64.1518, 90.8673



67.9284, 64.1518, 60.5724



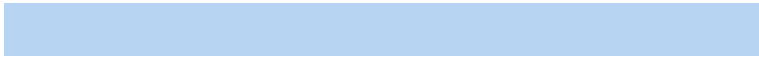
57.6423, 64.1518, 52.3531

Rectangle

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



54.5119, 64.1518, 80.0305



59.2807, 64.1518, 92.9766



67.9284, 64.1518, 60.5724



62.7000, 64.1518, 50.9171

Sweetspot

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



54.5138, 64.1544, 80.0320



87.3808, 95.2178, 108.3812



49.7175, 64.3534, 48.2471



18.4131, 20.1979, 23.1781



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.



54.5138, 64.1544, 80.0320



69.5687, 83.6952, 107.0959



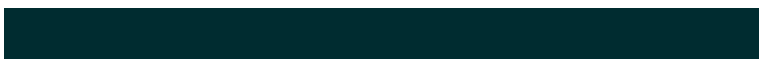
47.6312, 50.3893, 77.7378



14.0103, 15.3597, 17.6140



20.5397, 28.5489, 45.4763



1.4538, 2.0391, 3.1622

Inverse Universe

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



57.1644, 48.2356, 73.3182



73.7281, 59.0801, 96.4783



58.2403, 59.8331, 44.5570



14.2414, 13.9142, 17.0415



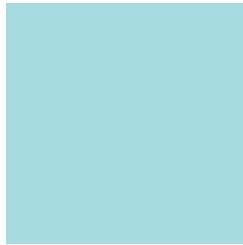
24.3077, 11.7901, 34.6156



1.7001, 0.8233, 2.4794

Previews

White Background



This preview shows how the XYZ color 54.5119, 64.1518, 80.0305 looks on a white background.

Color Contrast Check

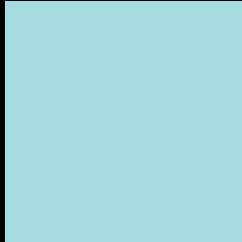
Large Text (above 18pt) WCAG AA × Fail

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 54.5119, 64.1518, 80.0305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

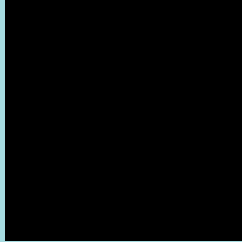
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5119, 64.1518, 80.0305

Background



This preview shows how black text looks on a background with the XYZ color 54.5119, 64.1518, 80.0305.



This preview shows how white text looks on a background with the XYZ color 54.5119, 64.1518,

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

54.5119, 64.1518, 80.0305

Protanopia

61.6586, 63.8231, 74.7150

Deuteranopia

65.0399, 63.6301, 81.5269



Tritanopia

55.9567, 63.9487, 87.9914

Trichromacy



Original Color

54.5119, 64.1518, 80.0305

Protanomaly

58.7099, 63.7236, 76.9157

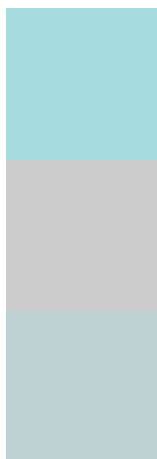
Deuteranomaly

60.6153, 63.5094, 81.0153

Tritanomaly

55.4316, 64.1278, 85.0577

Monochromacy



Original Color

54.5119, 64.1518, 80.0305

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.7935, 61.2512, 70.5101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5119, 64.1518, 80.0305 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(166, 219, 224)` looks like.

```
.text, #text, p{  
    color:rgb(166, 219, 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(166, 219, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 219, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.5119, 64.1518, 80.0305 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(166, 219, 224) }
```


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

```
.border{ border-color:rgb(166, 219, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 219, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 219, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 219, 224);  
box-shadow:4px 4px 4px 4px rgb(166, 219,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5119, 64.1518, 80.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 219, 224) }
```

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

```
.background{ background-color: rgb(166,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor