

Converting Colors

XYZ(54.4890, 60.6910, 80.8032)

Have a look what the booklet for
XYZ(54.4890, 60.6910, 80.8032)
contains.

XYZ(54.4533, 60.6981, 80.7974)	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(54.4533, 60.6981,
80.7974)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD2E2
RGB	175, 210, 226
RGB Percent	69%, 82%, 89%
CMY	0.3137, 0.1765, 0.1137
CMYK	0.23, 0.07, 0.00, 0.11
HSL	199°, 47%, 79%
HSV	199°, 23%, 89%
XYZ	54.4533, 60.6981, 80.7974
YIQ	201.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

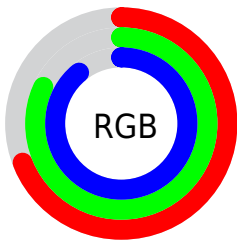
Format	Color
RYB	175, 196, 226
Decimal	11522786
CIELab	82.22, -8.07, -11.73
CIELCh	82, 14.240, 235.459
Yxy	60.6981, 0.2779, 0.3098
Android (android.graphics.Color)	4289712866 (0xFFAFD2E2)
YUV	201.3590, 12.1480, -23.1168
Hunter-Lab	77.9090, -11.5809, -6.9518

Details

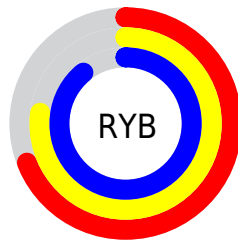
The XYZ color **54.4533, 60.6981, 80.7974** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7335, 56.5259, 48.4267**, and the grayscale version is **55.6800, 58.5797, 63.7933**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **27.2652, 30.8548, 43.0466** is the 20% darker color. If you saturate the color by 10%, you get **48.0879, 54.8771, 80.0103**, and if you desaturate by 10%, it is **61.7488, 67.1168, 81.6528**.

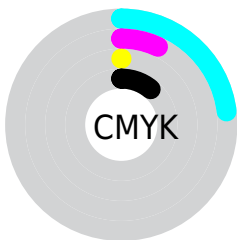
Distribution



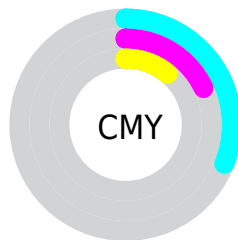
- Red (69%)
- Green (82%)
- Blue (89%)



- Red (69%)
- Yellow (77%)
- Blue (89%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4533, 60.6981, 80.7974 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 54.4533, 60.6981, 80.7974 by changing the saturation by 10% instead.

■ 54.4533, 60.6981,
80.7974

■ 54.4533, 60.6981,
80.7974

394.0064,
427.1662, 517.3935

■ 39.1963, 43.9816,
59.8447

■ 95.8925, 105.8417,
136.3078

■ 27.0939, 30.6560,
42.8690

122.8054,
135.0375, 171.7025

■ 17.7807, 20.3371,
29.4517

154.3343,
169.1619, 212.7484

■ 10.8914, 12.6403,
19.1743

190.8446,
208.5993, 259.8640

■ 6.0606, 7.1813,
11.6182

232.7016,
253.7340, 313.4677

■ 2.9230, 3.5758,
6.3649

280.2706,

■ 1.1132, 1.4392,

304.9505, 373.9782

2.9959

333.9171,
362.6331, 441.8140

■ 0.0361, 0.2453,
1.0925

■ 0.0000, 0.0000,
0.0000

■ 54.4533, 60.6981,
80.7974

■ 54.4533, 60.6981,
80.7974

■ 48.0879, 54.8771,
80.0103

■ 61.7488, 67.1168,
81.6528

■ 42.6039, 49.6225,
79.2851

■ 70.0092, 74.1480,
82.5746

■ 37.9564, 44.9113,
78.6207

■ 79.2740, 81.8149,
83.5662

■ 34.0937, 40.7153,
78.0144

■ 85.6474, 88.1106,
84.4454

■ 30.9584, 37.0034,
77.4632

■ 87.7565, 92.3287,
85.1484

■ 28.4844, 33.7397,
76.9636

■ 89.9478, 96.7113,
85.8789

■ 26.5920, 30.8817,
76.5117

■ 90.7277, 98.2711,
86.1388

■ 25.4671, 28.9700,
76.2020

Harmonies

Analogous

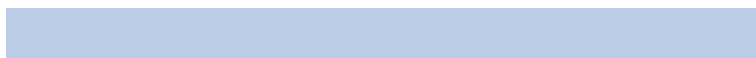
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.5932, 60.6981, 73.5194



54.4533, 60.6981, 80.7974



57.2320, 60.6981, 84.1432

Triad

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



54.4533, 60.6981, 80.7974



63.6921, 60.6981, 67.4188



55.2251, 60.6981, 52.1498

Complementary

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



54.4533, 60.6981, 80.7974



57.7335, 56.5259, 48.4267

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.



58.1539, 60.6981, 50.8233



54.4533, 60.6981, 80.7974



63.1095, 60.6981, 59.1786

Square

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



54.4533, 60.6981, 80.7974



62.6214, 60.6981, 76.0016



61.0561, 60.6981, 53.2852



53.0278, 60.6981, 57.0798

Rectangle

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



54.4533, 60.6981, 80.7974



59.2575, 60.6981, 83.4978



61.0561, 60.6981, 53.2852



56.1538, 60.6981, 51.2871

Sweetspot

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



54.4551, 60.7006, 80.7988



87.0249, 93.2497, 108.0200



54.2040, 67.2387, 59.0102



18.4853, 19.8388, 23.1049



0.0000, 0.0000, 0.0000



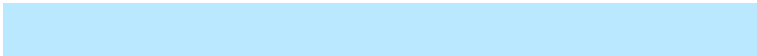
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4551, 60.7006, 80.7988



67.5893, 76.1842, 105.7504



48.7989, 49.3881, 78.9134



13.7350, 14.8091, 17.5222



14.6395, 16.7485, 43.5096



1.0937, 1.3189, 3.0422

Inverse Universe

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



58.3284, 51.4834, 67.8385



73.5962, 62.3473, 85.5483



63.6077, 68.2744, 50.3848



14.1025, 13.8586, 16.3097



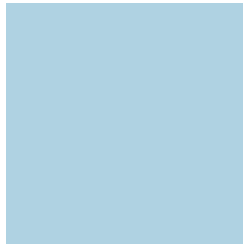
21.3295, 10.5988, 18.9329



1.5183, 0.7506, 1.5223

Previews

White Background



This preview shows how the XYZ color 54.4533, 60.6981, 80.7974 looks on a white background.

Color Contrast Check

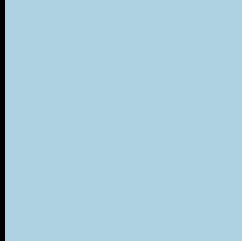
Large Text (above 18pt) WCAG AA × Fail

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 54.4533, 60.6981, 80.7974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

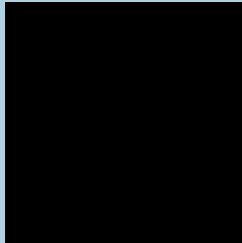
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4533, 60.6981, 80.7974

Background



This preview shows how black text looks on a background with the XYZ color 54.4533, 60.6981, 80.7974.



This preview shows how white text looks on a background with the XYZ color 54.4533, 60.6981,

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

54.4533, 60.6981, 80.7974

Protanopia

59.0357, 60.6288, 76.9976

Deuteranopia

61.8676, 60.5944, 81.8339



Tritanopia

54.5909, 60.7532, 81.5223

Trichromacy



Original Color

54.4533, 60.6981, 80.7974

Protanomaly

57.3829, 60.8078, 78.5247

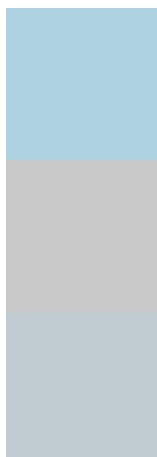
Deuteranomaly

58.7743, 60.4000, 81.2337

Tritanomaly

54.5909, 60.7532, 81.5223

Monochromacy



Original Color

54.4533, 60.6981, 80.7974

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9640, 59.0453, 69.4727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4533, 60.6981, 80.7974 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(175, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(175, 210, 226)  
}
```

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(175, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 210, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.4533, 60.6981, 80.7974 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(175, 210, 226) }
```


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

```
.border{ border-color:rgb(175, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(175, 210,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4533, 60.6981, 80.7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 210, 226) }
```

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

```
.background{ background-color: rgb(175,  
210, 226) }
```

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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