

Converting Colors

XYZ(54.7805, 60.9689, 82.4436)

Have a look what the booklet for
XYZ(54.7805, 60.9689, 82.4436)
contains.

XYZ(54.7294, 60.8086, 82.2515)	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(54.7294, 60.8086,
82.2515)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD2E4
RGB	175, 210, 228
RGB Percent	69%, 82%, 89%
CMY	0.3137, 0.1765, 0.1059
CMYK	0.23, 0.08, 0.00, 0.11
HSL	200°, 50%, 79%
HSV	200°, 23%, 89%
XYZ	54.7294, 60.8086, 82.2515
YIQ	201.5870, -26.6380, -1.8220

Conversions

Conversions Part 2

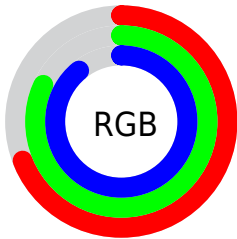
Format	Color
RYB	175, 196, 228
Decimal	11522788
CIELab	82.28, -7.63, -12.71
CIELCh	82, 14.822, 239.016
Yxy	60.8086, 0.2767, 0.3074
Android (android.graphics.Color)	4289712868 (0xFFAFD2E4)
YUV	201.5870, 13.0216, -23.3168
Hunter-Lab	77.9799, -11.1863, -7.9519

Details

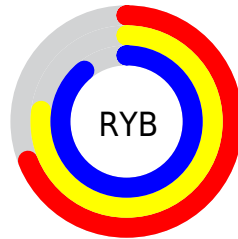
The XYZ color **54.7294, 60.8086, 82.2515** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8034, 57.7293, 48.6024**, and the grayscale version is **55.8167, 58.7235, 63.9499**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **27.3164, 30.8590, 44.0518** is the 20% darker color. If you saturate the color by 10%, you get **48.1726, 54.6605, 81.4114**, and if you desaturate by 10%, it is **62.2463, 67.5920, 83.1656**.

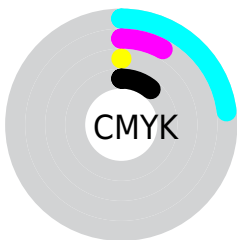
Distribution



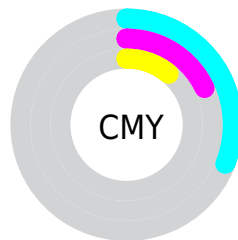
- Red (69%)
- Green (82%)
- Blue (89%)



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



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7294, 60.8086, 82.2515 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 54.7294, 60.8086, 82.2515 by changing the saturation by 10% instead.

■ 54.7294, 60.8086,
82.2515

■ 54.7294, 60.8086,
82.2515

395.0385,
427.5719, 522.3941

■ 39.4181, 44.0707,
61.0358

■ 96.2950, 106.0018,
138.3665

■ 27.2673, 30.7261,
43.8233

123.2800,
135.2258, 174.1029

■ 17.9117, 20.3904,
30.1955

154.8870,
169.3807, 215.5166

■ 10.9859, 12.6791,
19.7337

191.4813,
208.8509, 263.0262

■ 6.1246, 7.2080,
12.0195

233.4282,
254.0207, 317.0502

■ 2.9624, 3.5925,
6.6342

281.0931,

■ 1.1339, 1.4483,

305.2745, 378.0072

3.1595

334.8414,
362.9968, 446.3156

■ 0.0532, 0.2519,
1.1766

■ 0.0000, 0.0000,
0.0000

■ 54.7294, 60.8086,
82.2515

■ 54.7294, 60.8086,
82.2515

■ 48.1726, 54.6605,
81.4114

■ 62.2463, 67.5920,
83.1656

■ 42.5259, 49.1154,
80.6387

■ 70.7595, 75.0267,
84.1520

■ 37.7425, 44.1488,
79.9321

■ 80.3097, 83.1370,
85.2141

■ 33.7693, 39.7313,
79.2889

■ 86.6914, 89.7567,
86.1555

■ 30.5465, 35.8300,
78.7057

■ 89.0318, 94.4376,
86.9356

■ 28.0056, 32.4075,
78.1790

■ 91.0038, 98.3815,
87.5929

■ 26.0636, 29.4188,
77.7045

■ 25.0025, 27.5989,
77.4092

Harmonies

Analogous

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



52.6519, 60.8086, 75.0010



54.7294, 60.8086, 82.2515



57.6926, 60.8086, 85.1469

Triad

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



54.7294, 60.8086, 82.2515



64.0776, 60.8086, 66.5090



54.9036, 60.8086, 52.1484

Complementary

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



54.7294, 60.8086, 82.2515



58.8034, 57.7293, 48.6024

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.



57.9010, 60.8086, 50.3125



54.7294, 60.8086, 82.2515



63.2662, 60.8086, 58.1347

Square

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



54.7294, 60.8086, 82.2515



63.1557, 60.8086, 75.5639



60.9766, 60.8086, 52.4032



52.7499, 60.8086, 57.6622

Rectangle

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



54.7294, 60.8086, 82.2515



59.7962, 60.8086, 84.0335



60.9766, 60.8086, 52.4032



55.8424, 60.8086, 51.1041

Sweetspot

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



54.7312, 60.8111, 82.2529



86.8818, 92.9637, 107.9724



55.0123, 68.4373, 60.5689



18.4521, 19.7725, 23.0939



0.0000, 0.0000, 0.0000



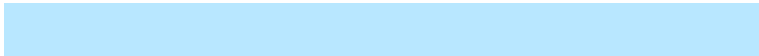
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7312, 60.8111, 82.2529



66.2286, 74.3753, 105.4730



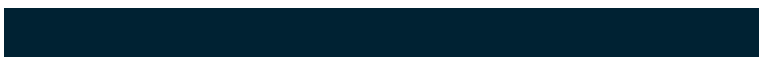
48.7900, 48.9286, 80.2725



14.3737, 15.4688, 18.3725



14.5511, 16.1644, 44.7363



1.1605, 1.3649, 3.3343

Inverse Universe

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



58.9592, 51.8086, 67.8681



72.6866, 61.1307, 83.3878



65.1089, 70.3404, 50.7043



14.7762, 14.5277, 17.0220



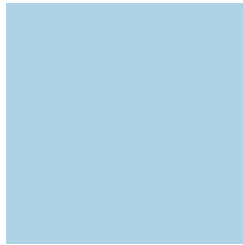
21.7382, 10.8295, 18.0484



1.6494, 0.8175, 1.5603

Previews

White Background



This preview shows how the XYZ color 54.7294, 60.8086, 82.2515 looks on a white background.

Color Contrast Check

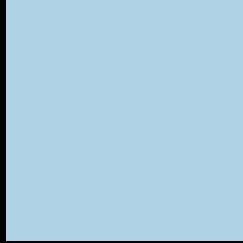
Large Text (above 18pt) WCAG AA × Fail

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 54.7294, 60.8086, 82.2515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

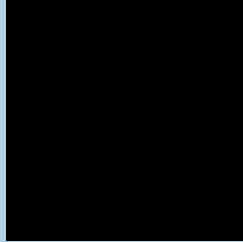
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

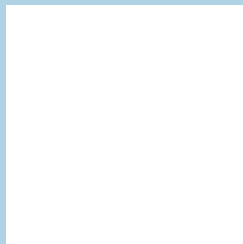
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7294, 60.8086, 82.2515

Background



This preview shows how black text looks on a background with the XYZ color 54.7294, 60.8086, 82.2515.



This preview shows how white text looks on a background with the XYZ color 54.7294, 60.8086,

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

54.7294, 60.8086, 82.2515

Protanopia

59.0323, 60.5961, 78.3969

Deuteranopia

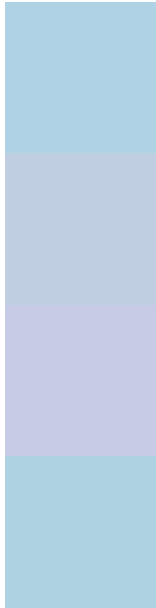
61.8577, 60.5571, 83.2913



Tritanopia

54.5909, 60.7532, 81.5223

Trichromacy



Original Color

54.7294, 60.8086, 82.2515

Protanomaly

57.4001, 60.7853, 79.9416

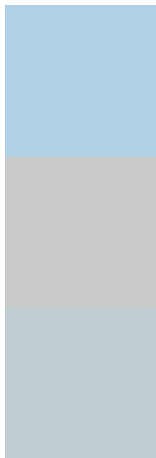
Deuteranomaly

59.0520, 60.5111, 82.6962

Tritanomaly

54.5909, 60.7532, 81.5223

Monochromacy



Original Color

54.7294, 60.8086, 82.2515

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3274, 59.5723, 70.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7294, 60.8086, 82.2515 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(175, 210, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 210, 228) }
```

Border

The CSS property to change the border of an element to XYZ 54.7294, 60.8086, 82.2515 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, 228) }
```


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

```
.border{ border-color:rgb(175, 210, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 210, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 210, 228);  
box-shadow:4px 4px 4px 4px rgb(175, 210,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7294, 60.8086, 82.2515 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, 228) }
```

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

```
.background{ background-color: rgb(175,  
210, 228) }
```

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