

Converting Colors

XYZ(54.5819, 60.8457, 77.8703)

Have a look what the booklet for
XYZ(54.5819, 60.8457, 77.8703)
contains.

XYZ(54.5915, 60.8321, 77.9717)	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(54.5915, 60.8321,
77.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D2DE
RGB	178, 210, 222
RGB Percent	70%, 82%, 87%
CMY	0.3020, 0.1765, 0.1294
CMYK	0.20, 0.05, 0.00, 0.13
HSL	196°, 40%, 78%
HSV	196°, 20%, 87%
XYZ	54.5915, 60.8321, 77.9717
YIQ	201.8000, -22.9240, -3.0520

Conversions

Conversions Part 2

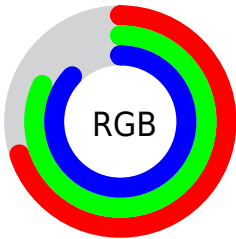
Format	Color
R _Y B	178, 197, 222
Decimal	11719390
CIE Lab	82.29, -8.03, -9.47
CIE LCh	82, 12.419, 229.687
Yxy	60.8321, 0.2823, 0.3145
Android (android.graphics.Color)	4289909470 (0xFFB2D2DE)
YUV	201.8000, 9.9586, -20.8726
Hunter-Lab	77.9949, -11.5525, -4.6759

Details

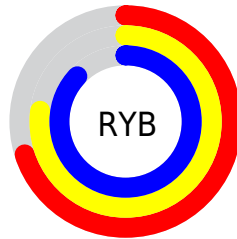
The XYZ color **54.5915, 60.8321, 77.9717** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5740, 55.5709, 49.8652**, and the grayscale version is **55.9660, 58.8806, 64.1209**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **27.3210, 30.9269, 41.0887** is the 20% darker color. If you saturate the color by 10%, you get **48.4383, 55.4847, 77.2648**, and if you desaturate by 10%, it is **61.6292, 66.7225, 78.7387**.

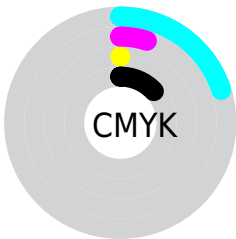
Distribution



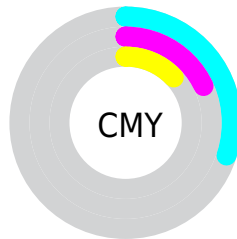
- Red (70%)
- Green (82%)
- Blue (87%)



- Red (70%)
- Yellow (77%)
- Blue (87%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (30%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5915, 60.8321, 77.9717 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 54.5915, 60.8321, 77.9717 by changing the saturation by 10% instead.

■ 54.5915, 60.8321,
77.9717

■ 54.5915, 60.8321,
77.9717

394.5232,
427.6581, 507.5961

■ 39.3073, 44.0897,
57.5344

■ 96.0940, 106.0358,
132.2957

■ 27.1807, 30.7410,
41.0222

123.0430,
135.2659, 167.0196

■ 17.8463, 20.4017,
28.0166

154.6110,
169.4273, 207.3427

■ 10.9387, 12.6874,
18.0990

191.1634,
208.9044, 253.6836

■ 6.0926, 7.2136,
10.8509

233.0654,
254.0816, 306.4608

■ 2.9427, 3.5961,
5.8538

280.6825,

■ 1.1235, 1.4503,

305.3434, 366.0930

2.6890

334.3800,
363.0741, 432.9985

■ 0.0447, 0.2533,
0.9379

■ 0.0000, 0.0000,
0.0000

■ 54.5915, 60.8321,
77.9717

■ 54.5915, 60.8321,
77.9717

■ 48.4383, 55.4847,
77.2648

■ 61.6292, 66.7225,
78.7387

■ 43.1240, 50.6512,
76.6120

■ 69.5834, 73.1687,
79.5637

■ 38.6068, 46.3108,
76.0123

■ 78.4913, 80.1922,
80.4499

■ 34.8392, 42.4379,
75.4633

■ 83.9097, 85.5034,
81.1895

■ 31.7683, 39.0043,
74.9624

■ 85.6647, 89.0135,
81.7745

■ 29.3338, 35.9780,
74.5066

■ 87.4793, 92.6426,
82.3793

■ 27.4641, 33.3210,
74.0923

■ 89.3539, 96.3917,
83.0042

■ 26.0363, 30.9691,
73.7136

■ 90.1850, 98.0540,
83.2813

■ 26.0120, 30.9281,
73.7069

Harmonies

Analogous

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



53.1626, 60.8321, 71.2636



54.5915, 60.8321, 77.9717



56.9136, 60.8321, 81.6204

Triad

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



54.5915, 60.8321, 77.9717



62.9672, 60.8321, 68.8772



56.1230, 60.8321, 53.4493

Complementary

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



54.5915, 60.8321, 77.9717



56.5740, 55.5709, 49.8652

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.



58.7342, 60.8321, 52.9172



54.5915, 60.8321, 77.9717



62.7399, 60.8321, 61.4503

Square

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



54.5915, 60.8321, 77.9717



61.7835, 60.8321, 76.1107



61.1714, 60.8321, 55.7409



54.0280, 60.8321, 57.2543

Rectangle

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



54.5915, 60.8321, 77.9717



58.6789, 60.8321, 81.6521



61.1714, 60.8321, 55.7409



56.9677, 60.8321, 52.8934

Sweetspot

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



54.5933, 60.8346, 77.9731



88.3270, 94.5799, 108.2082



53.7476, 65.4147, 58.3572



18.7550, 20.1214, 23.1453



0.0000, 0.0000, 0.0000



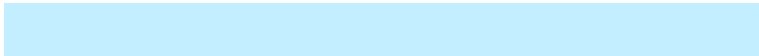
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5933, 60.8346, 77.9731



70.9125, 79.9943, 106.3107



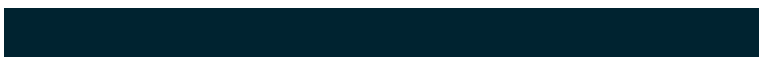
49.5863, 50.8206, 76.3041



13.7840, 14.9072, 17.5386



15.5474, 18.5643, 43.8122



1.1509, 1.4333, 3.0612

Inverse Universe

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



57.6789, 52.0249, 67.9774



75.9659, 65.9461, 89.8552



61.6380, 65.6988, 51.5532



14.1272, 13.8685, 16.4400



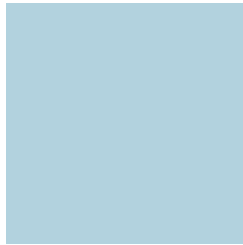
21.7878, 10.7821, 21.3461



1.5472, 0.7622, 1.6744

Previews

White Background



This preview shows how the XYZ color 54.5915, 60.8321, 77.9717 looks on a white background.

Color Contrast Check

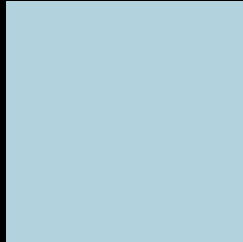
Large Text (above 18pt) WCAG AA × Fail

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 54.5915, 60.8321, 77.9717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

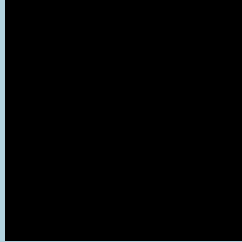
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5915, 60.8321, 77.9717

Background



This preview shows how black text looks on a background with the XYZ color 54.5915, 60.8321, 77.9717.

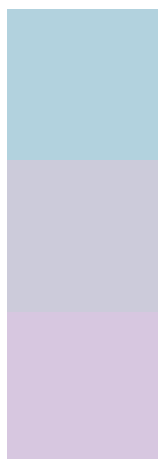


This preview shows how white text looks on a background with the XYZ color 54.5915, 60.8321,

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

54.5915, 60.8321, 77.9717

Protanopia

58.9127, 60.6112, 74.9238

Deuteranopia

61.9023, 60.6757, 78.9700



Tritanopia

55.1183, 60.6756, 80.7580

Trichromacy



Original Color

54.5915, 60.8321, 77.9717

Protanomaly

57.3632, 60.8592, 75.7415

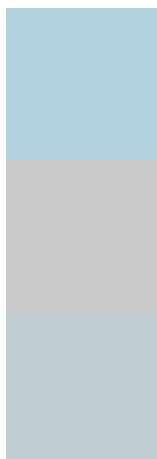
Deuteranomaly

59.0323, 60.5961, 78.3969

Tritanomaly

54.9815, 60.6209, 80.0373

Monochromacy



Original Color

54.5915, 60.8321, 77.9717

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3323, 59.6035, 68.9099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5915, 60.8321, 77.9717 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(178, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 222)  
}
```

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(178, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.5915, 60.8321, 77.9717 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(178, 210, 222) }
```


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

```
.border{ border-color:rgb(178, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5915, 60.8321, 77.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 222) }
```

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

```
.background{ background-color: rgb(178,  
210, 222) }
```

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