

Converting Colors

XYZ(54.8957, 66.8587, 61.1921)

Have a look what the booklet for
XYZ(54.8957, 66.8587, 61.1921)
contains.

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Color

**XYZ(54.7534, 66.6713,
61.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E0C2
RGB	178, 224, 194
RGB Percent	70%, 88%, 76%
CMY	0.3020, 0.1216, 0.2392
CMYK	0.21, 0.00, 0.13, 0.12
HSL	141°, 43%, 79%
HSV	141°, 21%, 88%
XYZ	54.7534, 66.6713, 61.0220
YIQ	206.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

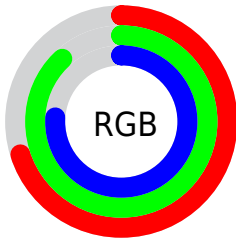
Format	Color
RYB	178, 212, 224
Decimal	11722946
CIELab	85.34, -20.77, 9.83
CIELCh	85, 22.975, 154.679
Yxy	66.6713, 0.3001, 0.3654
Android (android.graphics.Color)	4289913026 (0xFFB2E0C2)
YUV	206.8260, -6.3232, -25.2804
Hunter-Lab	81.6525, -23.1958, 12.8471

Details

The XYZ color **54.7534, 66.6713, 61.0220** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.0484, 52.2439, 66.7021**, and the grayscale version is **59.2453, 62.3307, 67.8781**.

A 20% lighter version of the original color is **87.1043, 95.9775, 105.2014**, and **27.3790, 34.6294, 30.0520** is the 20% darker color. If you saturate the color by 10%, you get **48.4666, 63.6126, 52.5801**, and if you desaturate by 10%, it is **62.0445, 70.2328, 70.3558**.

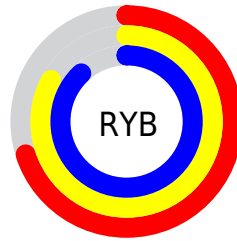
Distribution



Red (70%)

Green (88%)

Blue (76%)



Red (70%)

Yellow (83%)

Blue (88%)

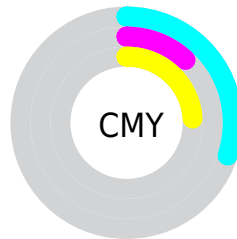


Cyan (21%)

Magenta (0%)

Yellow (13%)

Black (12%)



Cyan (30%)

Magenta (12%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7534, 66.6713, 61.0220 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 54.7534, 66.6713, 61.0220 by changing the saturation by 10% instead.

■ 54.7534, 66.6713,
61.0220

■ 54.7534, 66.6713,
61.0220

395.1281,
448.7739, 446.2635

■ 39.4374, 48.8176,
43.8123

■ 96.3300, 114.4493,
107.8686

■ 27.2824, 34.4748,
30.1868

123.3213,
145.1423, 138.3426

■ 17.9231, 23.2586,
19.7272

154.9350,
180.8839, 174.0750

■ 10.9942, 14.7845,
12.0148

191.5366,
222.0584, 215.4845

■ 6.1302, 8.6683,
6.6311

233.4913,
269.0503, 262.9895

■ 2.9658, 4.5255,
3.1575

281.1646,

■ 1.1357, 1.9716,

322.2439, 317.0087

1.1756

334.9217,
382.0236, 377.9605

■ 0.0547, 0.5909,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7534, 66.6713,
61.0220

■ 54.7534, 66.6713,
61.0220

■ 48.4666, 63.6126,
52.5801

■ 62.0445, 70.2328,
70.3558

■ 43.1333, 61.0254,
44.9995

■ 70.3767, 74.3101,
80.6022

■ 38.7063, 58.8880,
38.2539

■ 79.7917, 78.9259,
91.7870

■ 35.1324, 57.1733,
32.3142

■ 85.5374, 81.6300,
103.7091

■ 32.3520, 55.8514,
27.1497

■ 85.9469, 81.7938,
105.8656

■ 30.2979, 54.8882,
22.7275

■ 28.8906, 54.2435,
19.0120

■ 28.0288, 53.8625,
16.1100

Harmonies

Analogous

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



57.8482, 66.6713, 51.4988



54.7534, 66.6713, 61.0220



53.9165, 66.6713, 74.9551

Triad

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



54.7534, 66.6713, 61.0220



64.1883, 66.6713, 105.0393



71.9527, 66.6713, 57.4884

Complementary

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



54.7534, 66.6713, 61.0220



58.0484, 52.2439, 66.7021

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.



73.8665, 66.6713, 70.2825



54.7534, 66.6713, 61.0220



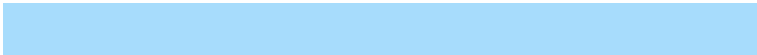
69.2304, 66.6713, 98.7817

Square

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



54.7534, 66.6713, 61.0220



59.1880, 66.6713, 101.6783



72.8442, 66.6713, 85.5430



67.7425, 66.6713, 49.6628

Rectangle

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



54.7534, 66.6713, 61.0220



54.7105, 66.6713, 85.2194



72.8442, 66.6713, 85.5430



72.8961, 66.6713, 61.2811

Sweetspot

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



54.7552, 66.6741, 61.0235



88.0781, 96.5867, 100.4042



60.8943, 70.0355, 52.4292



18.6967, 20.5974, 21.2986



0.0000, 0.0000, 0.0000



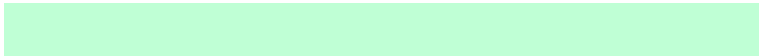
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7552, 66.6741, 61.0235



69.3727, 87.4544, 76.4564



57.4558, 67.7543, 75.2444



13.7246, 15.4156, 15.5851



16.3631, 31.3701, 9.6352



1.1755, 2.1909, 0.8852

Inverse Universe

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



58.0484, 52.2439, 66.7021



74.6087, 64.5041, 85.4799



55.4904, 51.2207, 53.2320



14.0820, 13.8504, 16.2018



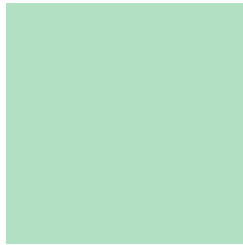
20.9736, 10.4564, 17.0584



1.4955, 0.7415, 1.4024

Previews

White Background



This preview shows how the XYZ color 54.7534, 66.6713, 61.0220 looks on a white background.

Color Contrast Check

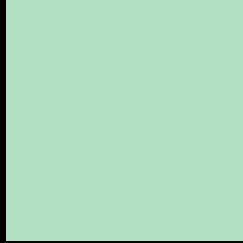
Large Text (above 18pt) WCAG AA × Fail

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 54.7534, 66.6713, 61.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

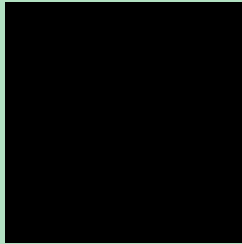
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7534, 66.6713, 61.0220

Background



This preview shows how black text looks on a background with the XYZ color 54.7534, 66.6713, 61.0220.



This preview shows how white text looks on a background with the XYZ color 54.7534, 66.6713,

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

54.7534, 66.6713, 61.0220

Protanopia

62.7448, 66.2474, 57.0570

Deuteranopia

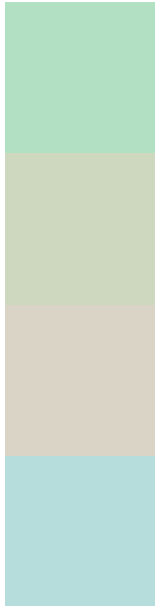
67.6210, 66.0906, 62.6188



Tritanopia

60.3165, 66.5801, 88.2695

Trichromacy



Original Color

54.7534, 66.6713, 61.0220

Protanomaly

59.3037, 65.9513, 58.3194

Deuteranomaly

62.2368, 65.8699, 62.2573

Tritanomaly

58.0399, 66.4210, 77.4716

Monochromacy



Original Color

54.7534, 66.6713, 61.0220

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.2199, 63.5885, 65.1351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7534, 66.6713, 61.0220 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, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(178, 224, 194)  
}
```

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, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 224, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.7534, 66.6713, 61.0220 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, 224, 194) }
```


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

```
.border{ border-color:rgb(178, 224, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 224, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(178, 224,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7534, 66.6713, 61.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 224, 194) }
```

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

```
.background{ background-color: rgb(178,  
224, 194) }
```

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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