

Converting Colors

XYZ(48.5319, 54.7217, 66.7487)

Have a look what the booklet for
XYZ(48.5319, 54.7217, 66.7487)
contains.

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Color

**XYZ(48.5113, 54.7133,
67.0354)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C9CF
RGB	169, 201, 207
RGB Percent	66%, 79%, 81%
CMY	0.3372, 0.2117, 0.1882
CMYK	0.18, 0.03, 0.00, 0.19
HSL	189°, 28%, 74%
HSV	189°, 18%, 81%
XYZ	48.5113, 54.7133, 67.0354
YIQ	192.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

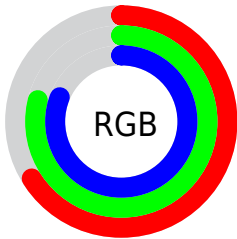
Format	Color
R_{YB}	169, 186, 207
Decimal	11127247
CIE _{Lab}	78.88, -9.37, -6.56
CIE _{LCh}	79, 11.437, 215.018
Yxy	54.7133, 0.2849, 0.3214
Android (android.graphics.Color)	4289317327 (0xFFA9C9CF)
YUV	192.1160, 7.3378, -20.2727
Hunter-Lab	73.9684, -12.3777, -1.9549

Details

The XYZ color **48.5113, 54.7133, 67.0354** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2240, 46.7899, 44.0268**, and the grayscale version is **50.1392, 52.7504, 57.4451**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **23.3859, 26.8803, 34.0928** is the 20% darker color. If you saturate the color by 10%, you get **43.6642, 51.0973, 66.5938**, and if you desaturate by 10%, it is **54.0809, 58.7287, 67.5178**.

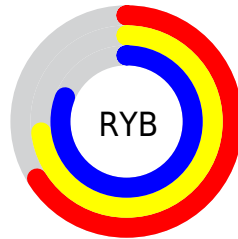
Distribution



Red (66%)

Green (79%)

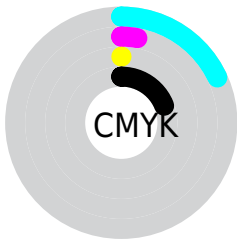
Blue (81%)



Red (66%)

Yellow (73%)

Blue (81%)

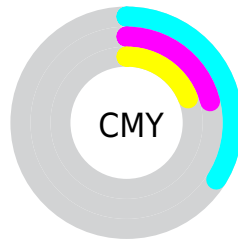


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5113, 54.7133, 67.0354 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 48.5113, 54.7133, 67.0354 by changing the saturation by 10% instead.

■ 48.5113, 54.7133,
67.0354

■ 48.5113, 54.7133,
67.0354

371.3642,
404.8242, 468.5757

■ 34.4449, 39.1722,
48.6516

■ 87.1703, 97.1208,
116.6123

■ 23.4001, 26.8937,
33.9796

■ 112.4936,
124.7560, 148.6424

■ 15.0115, 17.4934,
22.6007

142.2999,
157.1913, 186.0585

■ 8.9139, 10.5869,
14.0964

176.9546,
194.8112, 229.2789

■ 4.7417, 5.7898,
8.0482

216.8230,
238.0000, 278.7223

■ 2.1297, 2.7177,
4.0376

262.2705,

■ 0.7053, 0.9862,

287.1422, 334.8072

1.6460

313.6625,
342.6222, 397.9522

■ 0.0000, 0.0000,
0.3233

■ 0.0000, 0.0000,
0.0000

■ 48.5113, 54.7133,
67.0354

■ 48.5113, 54.7133,
67.0354

■ 43.6642, 51.0973,
66.5938

■ 54.0809, 58.7287,
67.5178

■ 39.5016, 47.8567,
66.1877

■ 60.3991, 63.1527,
68.0387

■ 35.9894, 44.9751,
65.8166

■ 67.4966, 68.0028,
68.6008

■ 33.0886, 42.4323,
65.4787

■ 75.4009, 73.2933,
69.2053

■ 30.7558, 40.2058,
65.1719

■ 77.4030, 75.5657,
69.5384

■ 28.9419, 38.2701,
64.8938

■ 78.2552, 77.2702,
69.8225

■ 27.5891, 36.5952,
64.6419

■ 79.1242, 79.0081,
70.1122

■ 26.6096, 35.1358,
64.4118

■ 80.0100, 80.7798,
70.4075

■ 26.4629, 34.9055,
64.3751

■ 80.9129, 82.5855,
70.7084

Harmonies

Analogous

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



47.7769, 54.7133, 60.6731



48.5113, 54.7133, 67.0354



50.1823, 54.7133, 71.6330

Triad

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



48.5113, 54.7133, 67.0354



56.0594, 54.7133, 65.0082



51.6227, 54.7133, 47.9726

Complementary

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



48.5113, 54.7133, 67.0354



48.2240, 46.7899, 44.0268

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.



53.8679, 54.7133, 48.9496



48.5113, 54.7133, 67.0354



56.4720, 54.7133, 58.4872

Square

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



48.5113, 54.7133, 67.0354



54.5474, 54.7133, 70.4042



55.6591, 54.7133, 52.6869



49.5396, 54.7133, 49.9147

Rectangle

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



48.5113, 54.7133, 67.0354



51.6254, 54.7133, 72.9091



55.6591, 54.7133, 52.6869



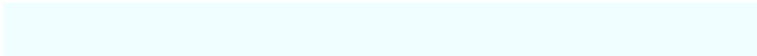
52.3832, 54.7133, 47.9720

Sweetspot

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



48.5129, 54.7155, 67.0366



88.8779, 95.6818, 108.3918



46.3844, 56.1450, 48.7965



18.8855, 20.3824, 23.1888



0.0000, 0.0000, 0.0000



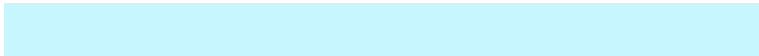
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5129, 54.7155, 67.0366



74.5769, 85.3489, 107.1511



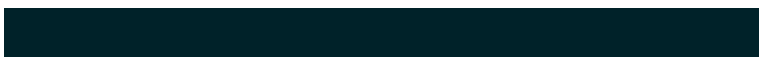
44.4151, 46.5200, 65.6707



11.9929, 13.0760, 15.1355



16.7300, 22.1066, 40.5777



0.9792, 1.3235, 2.2834

Inverse Universe

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



50.4640, 45.8595, 61.4530



78.2974, 68.7236, 96.4447



52.1196, 54.5811, 45.3253



12.2273, 11.9757, 14.4727



21.0753, 10.3029, 26.3662



1.2005, 0.5849, 1.5904

Previews

White Background



This preview shows how the XYZ color 48.5113, 54.7133, 67.0354 looks on a white background.

Color Contrast Check

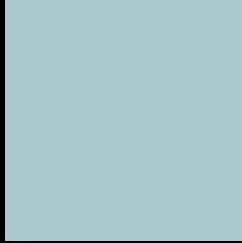
Large Text (above 18pt) WCAG AA × Fail

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 48.5113, 54.7133, 67.0354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

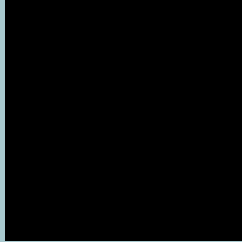
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5113, 54.7133, 67.0354

Background



This preview shows how black text looks on a background with the XYZ color 48.5113, 54.7133, 67.0354.



This preview shows how white text looks on a background with the XYZ color 48.5113, 54.7133,

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

48.5113, 54.7133, 67.0354

Protanopia

52.8362, 54.6311, 64.2600

Deuteranopia

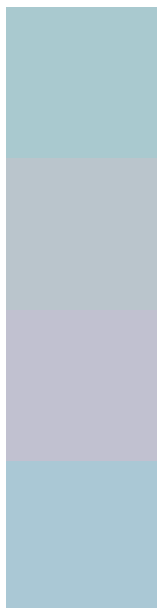
55.4383, 54.2640, 67.8737



Tritanopia

49.8435, 54.9243, 72.9402

Trichromacy



Original Color

48.5113, 54.7133, 67.0354

Protanomaly

51.1150, 54.7312, 64.9969

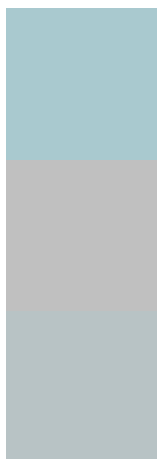
Deuteranomaly

52.4474, 54.0315, 67.3393

Tritanomaly

49.2421, 54.6587, 70.9056

Monochromacy



Original Color

48.5113, 54.7133, 67.0354

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.3603, 53.2518, 60.5004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5113, 54.7133, 67.0354 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(169, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 207)  
}
```

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(169, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 207) }
```

Border

The CSS property to change the border of an element to XYZ 48.5113, 54.7133, 67.0354 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(169, 201, 207) }
```


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

```
.border{ border-color:rgb(169, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(169, 201,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5113, 54.7133, 67.0354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 207) }
```

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

```
.background{ background-color: rgb(169,  
201, 207) }
```

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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