

Converting Colors

XYZ(54.1284, 64.4157, 67.0544)

Have a look what the booklet for
XYZ(54.1284, 64.4157, 67.0544)
contains.

XYZ(54.0302, 64.1848, 67.2988)	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(54.0302, 64.1848,
67.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	AFDBCD
RGB	175, 219, 205
RGB Percent	69%, 86%, 80%
CMY	0.3137, 0.1412, 0.1961
CMYK	0.20, 0.00, 0.06, 0.14
HSL	161°, 38%, 77%
HSV	161°, 20%, 86%
XYZ	54.0302, 64.1848, 67.2988
YIQ	204.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

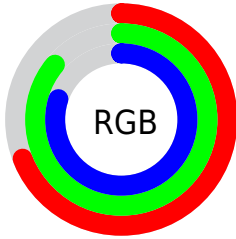
Format	Color
RYB	175, 201, 219
Decimal	11525069
CIELab	84.06, -17.11, 2.16
CIElCh	84, 17.244, 172.817
Yxy	64.1848, 0.2912, 0.3460
Android (android.graphics.Color)	4289715149 (0xFFAFDBCD)
YUV	204.2480, 0.3707, -25.6505
Hunter-Lab	80.1154, -19.8208, 6.2758

Details

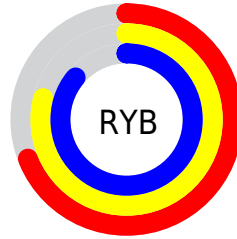
The XYZ color **54.0302, 64.1848, 67.2988** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7310, 49.3959, 54.8494**, and the grayscale version is **57.5604, 60.5580, 65.9477**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **26.8874, 32.9229, 34.2158** is the 20% darker color. If you saturate the color by 10%, you get **48.6855, 61.5263, 62.7553**, and if you desaturate by 10%, it is **60.2132, 67.2746, 72.0799**.

Distribution



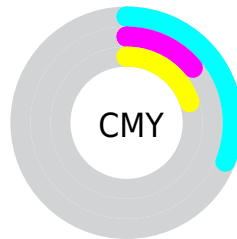
- Red (69%)
- Green (86%)
- Blue (80%)



- Red (69%)
- Yellow (79%)
- Blue (86%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (31%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0302, 64.1848, 67.2988 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 54.0302, 64.1848, 67.2988 by changing the saturation by 10% instead.

■ 54.0302, 64.1848,
67.2988

■ 54.0302, 64.1848,
67.2988

392.4216,
439.8567, 469.5380

■ 38.8566, 46.8004,
48.8644

■ 95.2752, 110.8770,
116.9932

■ 26.8284, 32.8779,
34.1471

122.0773,
140.9536, 149.0902

■ 17.5803, 22.0329,
22.7283

153.4863,
176.0297, 186.5785

■ 10.7469, 13.8811,
14.1896

189.8675,
216.4897, 229.8766

■ 5.9630, 8.0380,
8.1124

231.5863,
262.7180, 279.4031

■ 2.8630, 4.1193,
4.0782

279.0080,

■ 1.0817, 1.7405,

315.0990, 335.5764

1.6683

332.4980,
374.0171, 398.8152

■ 0.0098, 0.4497,
0.3389

■ 0.0000, 0.0000,
0.0000

■ 54.0302, 64.1848,
67.2988

■ 54.0302, 64.1848,
67.2988

■ 48.6855, 61.5263,
62.7553

■ 60.2132, 67.2746,
72.0799

■ 44.1349, 59.2711,
58.4407

■ 67.2652, 70.8063,
77.0984

■ 40.3380, 57.4003,
54.3521

■ 75.2223, 74.8001,
82.3599

■ 37.2488, 55.8902,
50.4844

■ 81.2634, 77.8017,
87.7346

■ 34.8162, 54.7145,
46.8328

■ 82.2784, 78.2077,
93.0793

■ 32.9817, 53.8430,
43.3918

■ 83.3331, 78.6296,
98.6335

■ 31.6760, 53.2402,
40.1552

■ 84.4281, 79.0676,
104.3993

■ 30.7823, 52.8453,
37.1416

■ 84.6227, 79.1454,
105.4242

Harmonies

Analogous

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



55.3598, 64.1848, 57.9712



54.0302, 64.1848, 67.2988



54.5067, 64.1848, 78.3319

Triad

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



54.0302, 64.1848, 67.2988



63.8875, 64.1848, 91.0363



65.5356, 64.1848, 54.4849

Complementary

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



54.0302, 64.1848, 67.2988



53.7310, 49.3959, 54.8494

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.



68.0018, 64.1848, 62.0708



54.0302, 64.1848, 67.2988



67.0230, 64.1848, 83.3315

Square

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



54.0302, 64.1848, 67.2988



60.0954, 64.1848, 92.8075



68.5572, 64.1848, 72.5394



61.9252, 64.1848, 51.0888

Rectangle

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



54.0302, 64.1848, 67.2988



55.7943, 64.1848, 85.1186



68.5572, 64.1848, 72.5394



66.5319, 64.1848, 56.5892

Sweetspot

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



54.0320, 64.1875, 67.3002



88.8693, 96.9032, 104.5705



54.2235, 64.6653, 50.1823



18.8836, 20.6721, 22.2831



0.0000, 0.0000, 0.0000



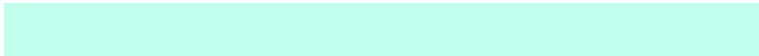
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0320, 64.1875, 67.3002



73.0281, 88.9914, 92.3230



53.9277, 61.1515, 75.9821



13.2594, 14.7554, 15.8287



18.3034, 31.3540, 22.2950



1.2243, 2.0467, 1.6472

Inverse Universe

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



53.7310, 49.3959, 54.8494



72.5326, 64.5727, 71.7754



53.7497, 51.7496, 47.7143



13.2259, 13.1195, 14.4510



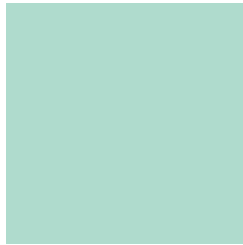
18.0161, 9.2075, 4.4649



1.2057, 0.6119, 0.4919

Previews

White Background



This preview shows how the XYZ color 54.0302, 64.1848, 67.2988 looks on a white background.

Color Contrast Check

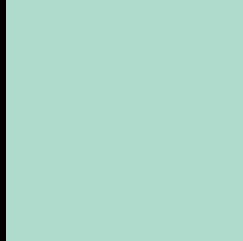
Large Text (above 18pt) WCAG AA × Fail

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 54.0302, 64.1848, 67.2988 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

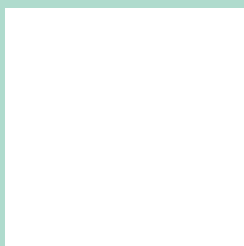
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0302, 64.1848, 67.2988

Background



This preview shows how black text looks on a background with the XYZ color 54.0302, 64.1848, 67.2988.

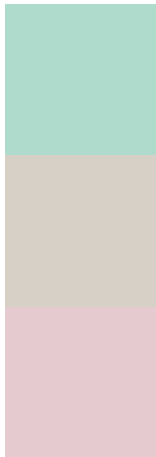


This preview shows how white text looks on a background with the XYZ color 54.0302, 64.1848,

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
54.0302, 64.1848, 67.2988
Protanopia
60.8890, 63.6823, 63.1156
Deuteranopia
64.8188, 63.4531, 68.5059



Tritanopia

57.6883, 64.1304, 85.6818

Trichromacy



Original Color

54.0302, 64.1848, 67.2988

Protanomaly

57.9055, 63.5834, 64.4792

Deuteranomaly

60.1129, 63.1721, 68.0566

Tritanomaly

56.1008, 63.8506, 78.4748

Monochromacy



Original Color

54.0302, 64.1848, 67.2988

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.6919, 61.2980, 66.0232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0302, 64.1848, 67.2988 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, 219, 205)` looks like.

```
.text, #text, p{  
    color:rgb(175, 219, 205)  
}
```

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, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 219, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.0302, 64.1848, 67.2988 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, 219, 205) }
```


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

```
.border{ border-color:rgb(175, 219, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 219, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(175, 219,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0302, 64.1848, 67.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 219, 205) }
```

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

```
.background{ background-color: rgb(175,  
219, 205) }
```

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