

Converting Colors

XYZ(53.8739, 63.4131, 61.7163)

Have a look what the booklet for
XYZ(53.8739, 63.4131, 61.7163)
contains.

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Color

**XYZ(53.8327, 63.4350,
61.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D9C4
RGB	181, 217, 196
RGB Percent	71%, 85%, 77%
CMY	0.2902, 0.1490, 0.2314
CMYK	0.17, 0.00, 0.10, 0.15
HSL	145°, 32%, 78%
HSV	145°, 17%, 85%
XYZ	53.8327, 63.4350, 61.6314
YIQ	203.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

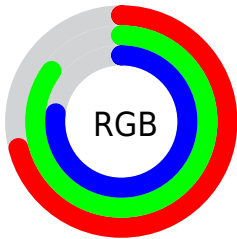
Format	Color
RYB	181, 206, 217
Decimal	11917764
CIELab	83.67, -15.93, 6.40
CIELCh	84, 17.167, 158.094
Yxy	63.4350, 0.3009, 0.3546
Android (android.graphics.Color)	4290107844 (0xFFB5D9C4)
YUV	203.8420, -3.8661, -20.0324
Hunter-Lab	79.6461, -18.7327, 9.8727

Details

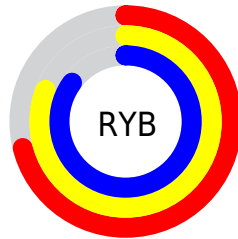
The XYZ color **53.8327, 63.4350, 61.6314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.8021, 52.0653, 62.9885**, and the grayscale version is **57.3265, 60.3119, 65.6797**.

A 20% lighter version of the original color is **88.4147, 96.6164, 106.9174**, and **26.7049, 32.3828, 30.4342** is the 20% darker color. If you saturate the color by 10%, you get **47.7548, 60.4630, 54.1403**, and if you desaturate by 10%, it is **60.8283, 66.8695, 69.8029**.

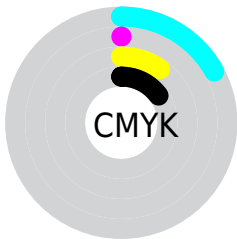
Distribution



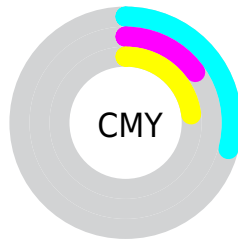
- Red (71%)
- Green (85%)
- Blue (77%)



- Red (71%)
- Yellow (81%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)





- Cyan (29%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8327, 63.4350, 61.6314 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 53.8327, 63.4350, 61.6314 by changing the saturation by 10% instead.


 53.8327, 63.4350,
61.6314

 53.8327, 63.4350,
61.6314


391.6805,
437.1465, 448.5558

 38.6981, 46.1932,
44.3011

 94.9869, 109.7968,
108.7590

 26.7046, 32.3983,
30.5683


121.7372,
139.6857, 139.3934

 17.4869, 21.6659,
20.0147


153.0900,
174.5590, 175.2996

 10.6797, 13.6116,
12.2215

189.4108,
214.8012, 216.8961

 5.9176, 7.8510,
6.7704

231.0649,
260.7966, 264.6014

 2.8352, 3.9998,
3.2426

278.4176,

 1.0672, 1.6734,

312.9297, 318.8341

1.2198

331.8344,
371.5849, 380.0127

0.0000, 0.4064,
0.0000

0.0000, 0.0000,
0.0000

53.8327, 63.4350,
61.6314

53.8327, 63.4350,
61.6314

47.7548, 60.4630,
54.1403

60.8283, 66.8695,
69.8029

42.5498, 57.9256,
47.3079

68.7733, 70.7774,
78.6672

38.1768, 55.8037,
41.1174

77.7046, 75.1789,
88.2421

34.5896, 54.0740,
35.5498

82.7869, 77.5813,
98.3153

■ 31.7372, 52.7104,
30.5849

■ 84.1041, 78.1081,
105.2514

■ 29.5621, 51.6839,
26.2016

■ 27.9977, 50.9605,
22.3773

■ 26.9598, 50.4971,
19.0874

■ 26.6771, 50.3733,
18.0818

Harmonies

Analogous

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



55.9429, 63.4350, 54.0264



53.8327, 63.4350, 61.6314



53.4166, 63.4350, 72.0256

Triad

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



53.8327, 63.4350, 61.6314



61.3165, 63.4350, 91.6572



66.1621, 63.4350, 57.0700

Complementary

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



53.8327, 63.4350, 61.6314



55.8021, 52.0653, 62.9885

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.



67.7357, 63.4350, 66.1963



53.8327, 63.4350, 61.6314



64.8631, 63.4350, 86.6750

Square

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



53.8327, 63.4350, 61.6314



57.6365, 63.4350, 90.1102



67.2507, 63.4350, 77.0841



63.0300, 63.4350, 51.5898

Rectangle

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



53.8327, 63.4350, 61.6314



54.1390, 63.4350, 79.2836



67.2507, 63.4350, 77.0841



66.8966, 63.4350, 59.7734

Sweetspot

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



53.8345, 63.4377, 61.6328



89.3392, 97.1917, 102.5023



57.6754, 65.6053, 53.3401



18.9565, 20.7216, 21.7517



0.0000, 0.0000, 0.0000



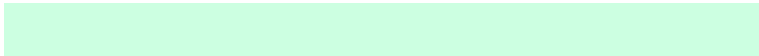
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8345, 63.4377, 61.6328



74.2863, 89.8072, 84.8310



55.9321, 64.2767, 72.6790



13.1104, 14.6958, 15.0443



16.1981, 30.5119, 11.2083



1.0917, 1.9936, 0.9489

Inverse Universe

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



55.8021, 52.0653, 62.9885



77.6485, 70.3720, 87.1457



53.8558, 51.2868, 52.7397



13.3730, 13.1783, 15.2254



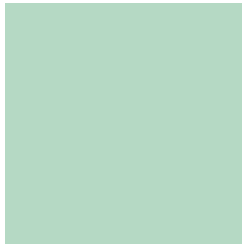
19.6788, 9.8726, 13.2205



1.3175, 0.6566, 1.0807

Previews

White Background



This preview shows how the XYZ color 53.8327, 63.4350, 61.6314 looks on a white background.

Color Contrast Check

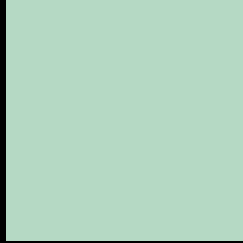
Large Text (above 18pt) WCAG AA × Fail

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 53.8327, 63.4350, 61.6314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

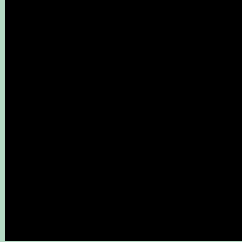
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

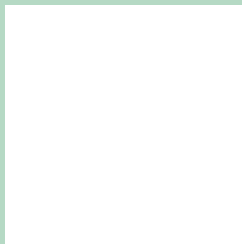
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8327, 63.4350, 61.6314

Background



This preview shows how black text looks on a background with the XYZ color 53.8327, 63.4350, 61.6314.



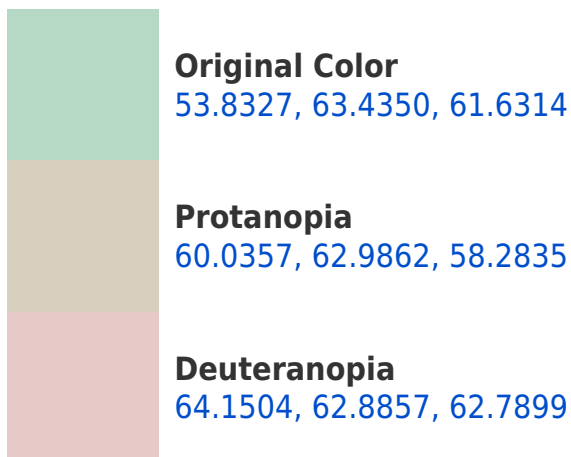
This preview shows how white text looks on a background with the XYZ color 53.8327, 63.4350,

61.6314.

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





Tritanopia

58.1799, 63.3089, 83.2822

Trichromacy



Original Color

53.8327, 63.4350, 61.6314

Protanomaly

57.5485, 63.1353, 59.6053

Deuteranomaly

59.9464, 62.8490, 62.3976

Tritanomaly

56.5785, 63.4172, 74.9044

Monochromacy



Original Color

53.8327, 63.4350, 61.6314

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.1080, 61.5537, 64.1822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8327, 63.4350, 61.6314 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(181, 217, 196)` looks like.

```
.text, #text, p{  
    color:rgb(181, 217, 196)  
}
```

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(181, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 217, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.8327, 63.4350, 61.6314 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(181, 217, 196) }
```


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

```
.border{ border-color:rgb(181, 217, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 217, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 217, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 217, 196);  
box-shadow:4px 4px 4px 4px rgb(181, 217,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8327, 63.4350, 61.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 217, 196) }
```

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

```
.background{ background-color: rgb(181,  
217, 196) }
```

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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