

Converting Colors

XYZ(53.6107, 61.3803, 57.8964)

Have a look what the booklet for
XYZ(53.6107, 61.3803, 57.8964)
contains.

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Color

**XYZ(53.5768, 61.4960,
57.7613)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD4BE
RGB	188, 212, 190
RGB Percent	74%, 83%, 75%
CMY	0.2627, 0.1686, 0.2549
CMYK	0.11, 0.00, 0.10, 0.17
HSL	125°, 22%, 78%
HSV	125°, 11%, 83%
XYZ	53.5768, 61.4960, 57.7613
YIQ	202.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

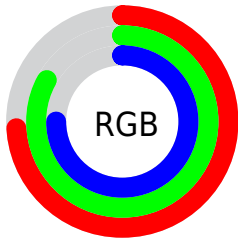
Format	Color
RYB	188, 210, 212
Decimal	12375230
CIELab	82.64, -12.16, 8.17
CIELCh	83, 14.653, 146.095
Yxy	61.4960, 0.3100, 0.3558
Android (android.graphics.Color)	4290565310 (0xFFBCD4BE)
YUV	202.3160, -6.0718, -12.5551
Hunter-Lab	78.4194, -15.2812, 11.2224

Details

The XYZ color **53.5768, 61.4960, 57.7613** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7697, 54.6182, 68.5260**, and the grayscale version is **56.3777, 59.3137, 64.5927**.

A 20% lighter version of the original color is **89.7028, 97.4069, 101.2624**, and **26.5640, 31.0710, 28.2641** is the 20% darker color. If you saturate the color by 10%, you get **46.7485, 58.2069, 47.0835**, and if you desaturate by 10%, it is **61.4590, 65.2991, 69.9694**.

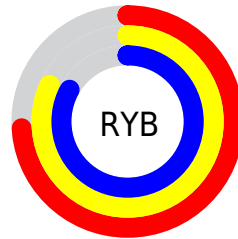
Distribution



Red (74%)

Green (83%)

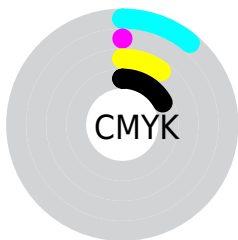
Blue (75%)



Red (74%)

Yellow (82%)

Blue (83%)

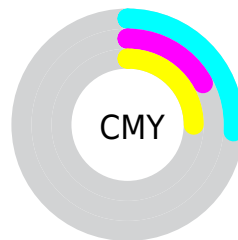


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (17%)



Cyan (26%)


Magenta (17%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5768, 61.4960, 57.7613 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 53.5768, 61.4960, 57.7613 by changing the saturation by 10% instead.


 53.5768, 61.4960,
57.7613

 53.5768, 61.4960,
57.7613


390.7189,
430.0903, 433.8693

 38.4927, 44.6256,
41.2033


 94.6131, 106.9968,
103.0865

 26.5443, 31.1626,
28.1571


121.2961,
136.3959, 132.6909

 17.3661, 20.7227,
18.2041


152.5761,
170.7401, 167.4811

 10.5928, 12.9215,
10.9256

188.8185,
210.4137, 207.8757

 5.8590, 7.3745,
5.9033

230.3886,
255.8011, 254.2933

 2.7994, 3.6974,
2.7185

277.6518,

 1.0486, 1.5058,

307.2868, 307.1524

0.9527

330.9735,
365.2550, 366.8716

0.0000, 0.2928,
0.0000

0.0000, 0.0000,
0.0000

53.5768, 61.4960,
57.7613

53.5768, 61.4960,
57.7613

46.7485, 58.2069,
47.0835

61.4590, 65.2991,
69.9694

40.9246, 55.4025,
37.8720

70.4317, 69.6288,
83.7607

36.0591, 53.0620,
30.0638

80.5362, 74.5068,
99.1904

32.1006, 51.1605,
23.5901

82.8346, 75.5693,
104.8282

■ 28.9926, 49.6704,
18.3763

■ 26.6726, 48.5614,
14.3403

■ 25.0692, 47.7984,
11.3904

■ 24.0980, 47.3403,
9.4213

■ 23.6511, 47.1319,
8.4089

Harmonies

Analogous

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



55.8322, 61.4960, 52.5879



53.5768, 61.4960, 57.7613



52.6261, 61.4960, 65.7869

Triad

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



53.5768, 61.4960, 57.7613



58.0395, 61.4960, 85.7516



64.0467, 61.4960, 59.6312

Complementary

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



53.5768, 61.4960, 57.7613



56.7697, 54.6182, 68.5260

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.



64.6886, 61.4960, 68.1443



53.5768, 61.4960, 57.7613



61.1486, 61.4960, 83.7346

Square

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



53.5768, 61.4960, 57.7613



55.1436, 61.4960, 82.3739



63.6103, 61.4960, 77.0840



61.8862, 61.4960, 53.5976

Rectangle

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



53.5768, 61.4960, 57.7613



52.8342, 61.4960, 71.8720



63.6103, 61.4960, 77.0840



64.4505, 61.4960, 62.2746

Sweetspot

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



53.5785, 61.4986, 57.7627



91.1827, 98.1344, 102.9327



59.3156, 64.4813, 56.8977



19.3011, 20.9007, 21.6985



0.0000, 0.0000, 0.0000



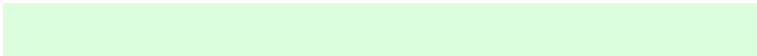
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5785, 61.4986, 57.7627



78.2854, 91.9153, 82.9158



54.8978, 62.0263, 64.7100



12.3040, 13.9126, 13.4153



14.6155, 29.1015, 5.2708



0.8964, 1.7612, 0.3964

Inverse Universe

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



56.7697, 54.6182, 68.5260



84.2245, 79.1096, 102.9470



55.3758, 54.0607, 61.1862



12.9063, 12.6140, 15.4468



22.8148, 11.0622, 32.6584



1.3896, 0.6726, 2.0408

Previews

White Background



This preview shows how the XYZ color 53.5768, 61.4960, 57.7613 looks on a white background.

Color Contrast Check

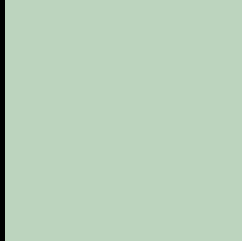
Large Text (above 18pt) WCAG AA × Fail

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 53.5768, 61.4960, 57.7613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

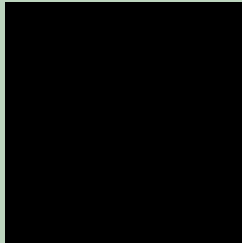
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

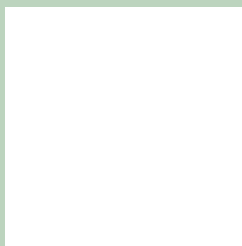
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5768, 61.4960, 57.7613

Background



This preview shows how black text looks on a background with the XYZ color 53.5768, 61.4960, 57.7613.



This preview shows how white text looks on a background with the XYZ color 53.5768, 61.4960,

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

53.5768, 61.4960, 57.7613

Protanopia

58.4258, 61.5040, 55.2465

Deuteranopia

62.4528, 61.0614, 58.9465



Tritanopia

58.0155, 61.4768, 79.3295

Trichromacy



Original Color

53.5768, 61.4960, 57.7613

Protanomaly

56.7024, 61.6787, 55.9304

Deuteranomaly

58.8947, 60.9647, 58.5325

Tritanomaly

56.4224, 61.5609, 71.1960

Monochromacy



Original Color

53.5768, 61.4960, 57.7613

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2903, 60.0901, 62.1105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5768, 61.4960, 57.7613 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(188, 212, 190)` looks like.

```
.text, #text, p{  
    color:rgb(188, 212, 190)  
}
```

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(188, 212, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 212, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.5768, 61.4960, 57.7613 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(188, 212, 190) }
```


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

```
.border{ border-color:rgb(188, 212, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 212, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 212, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 212, 190);  
box-shadow:4px 4px 4px 4px rgb(188, 212,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5768, 61.4960, 57.7613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 212, 190) }
```

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

```
.background{ background-color: rgb(188,  
212, 190) }
```

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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