

Converting Colors

XYZ(52.9309, 61.8678, 57.2425)

Have a look what the booklet for
XYZ(52.9309, 61.8678, 57.2425)
contains.

XYZ(52.9990, 61.9576, 57.3098)	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(52.9990, 61.9576,
57.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D6BD
RGB	184, 214, 189
RGB Percent	72%, 84%, 74%
CMY	0.2784, 0.1608, 0.2588
CMYK	0.14, 0.00, 0.12, 0.16
HSL	130°, 27%, 78%
HSV	130°, 14%, 84%
XYZ	52.9990, 61.9576, 57.3098
YIQ	202.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

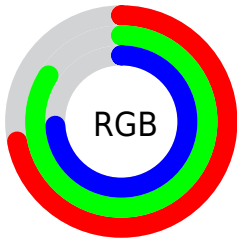
Format	Color
RYB	184, 210, 214
Decimal	12113597
CIELab	82.89, -14.71, 9.02
CIElCh	83, 17.258, 148.485
Yxy	61.9576, 0.3077, 0.3597
Android (android.graphics.Color)	4290303677 (0xFFB8D6BD)
YUV	202.1800, -6.4977, -15.9439
Hunter-Lab	78.7132, -17.5607, 11.9311

Details

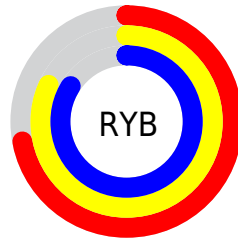
The XYZ color **52.9990, 61.9576, 57.3098** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3828, 53.1820, 67.6178**, and the grayscale version is **56.2965, 59.2283, 64.4996**.

A 20% lighter version of the original color is **88.1766, 96.6378, 100.3918**, and **26.2021, 31.3991, 27.9722** is the 20% darker color. If you saturate the color by 10%, you get **46.4371, 58.7867, 47.5115**, and if you desaturate by 10%, it is **60.5779, 65.6288, 68.4009**.

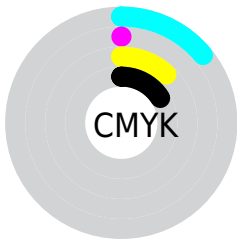
Distribution



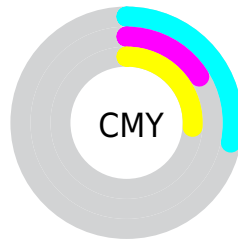
- Red (72%)
- Green (84%)
- Blue (74%)



- Red (72%)
- Yellow (82%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9990, 61.9576, 57.3098 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 52.9990, 61.9576, 57.3098 by changing the saturation by 10% instead.

■ 52.9990, 61.9576,
57.3098

■ 52.9990, 61.9576,
57.3098

388.5422,
431.7764, 432.1354

■ 38.0294, 44.9984,
40.8430

■ 93.7684, 107.6642,
102.4219

■ 26.1829, 31.4562,
27.8777

120.2990,
137.1805, 131.9043

■ 17.0939, 20.9465,
17.9952

151.4140,
171.6513, 166.5623

■ 10.3972, 13.0849,
10.7771

187.4787,
211.4610, 206.8144

■ 5.7274, 7.4870,
5.8049

228.8586,
256.9939, 253.0793

■ 2.7191, 3.7685,
2.6600

275.9188,

■ 1.0070, 1.5449,

308.6345, 305.7754

0.9232

329.0249,
366.7672, 365.3212

■ 0.0000, 0.3200,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9990, 61.9576,
57.3098

■ 52.9990, 61.9576,
57.3098

■ 46.4371, 58.7867,
47.5115

■ 60.5779, 65.6288,
68.4009

■ 40.8438, 56.0868,
38.9551

■ 69.2094, 69.8125,
80.8252

■ 36.1743, 53.8377,
31.5920

■ 78.9337, 74.5301,
94.6265

■ 32.3782, 52.0146,
25.3692

■ 83.3378, 76.5755,
104.9959

■ 29.4004, 50.5901,
20.2295

■ 27.1793, 49.5340,
16.1110

■ 25.6441, 48.8111,
12.9451

■ 24.7105, 48.3795,
10.6550

■ 24.3612, 48.2209,
9.6661

Harmonies

Analogous

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



55.5428, 61.9576, 51.0103



52.9990, 61.9576, 57.3098



52.0239, 61.9576, 66.9212

Triad

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



52.9990, 61.9576, 57.3098



58.7000, 61.9576, 90.0815



65.4022, 61.9576, 58.1552

Complementary

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



52.9990, 61.9576, 57.3098



56.3828, 53.1820, 67.6178

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.



66.3326, 61.9576, 68.0042



52.9990, 61.9576, 57.3098



62.3666, 61.9576, 87.1161

Square

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



52.9990, 61.9576, 57.3098



55.2285, 61.9576, 86.4755



65.1996, 61.9576, 78.7459



62.7075, 61.9576, 51.4610

Rectangle

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



52.9990, 61.9576, 57.3098



52.3621, 61.9576, 74.1671



65.1996, 61.9576, 78.7459



65.9365, 61.9576, 61.1724

Sweetspot

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



53.0007, 61.9602, 57.3112



90.0579, 97.5811, 101.6802



59.1370, 65.1853, 54.8132



19.0813, 20.7920, 21.4809



0.0000, 0.0000, 0.0000



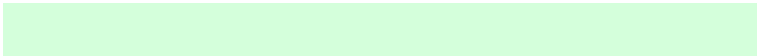
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0007, 61.9602, 57.3112



75.5803, 90.5730, 80.4304



54.6548, 62.6219, 66.0216



12.3460, 13.9294, 13.6366



14.7499, 29.1553, 5.9788



0.9162, 1.7691, 0.5007

Inverse Universe

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



56.3828, 53.1820, 67.6178



81.6045, 74.9355, 98.7870



54.6678, 52.4960, 58.5867



12.8600, 12.5955, 15.2030



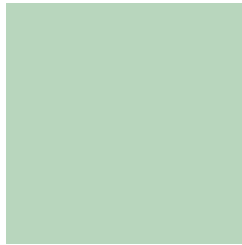
21.6726, 10.6054, 26.6439



1.3314, 0.6493, 1.7343

Previews

White Background



This preview shows how the XYZ color 52.9990, 61.9576, 57.3098 looks on a white background.

Color Contrast Check

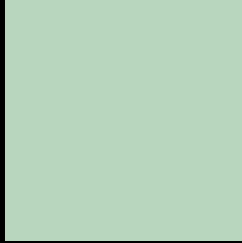
Large Text (above 18pt) WCAG AA × Fail

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 52.9990, 61.9576, 57.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

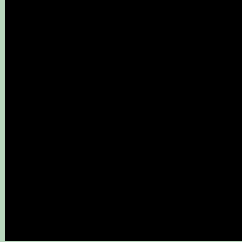
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

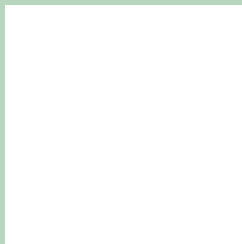
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9990, 61.9576, 57.3098

Background



This preview shows how black text looks on a background with the XYZ color 52.9990, 61.9576, 57.3098.



This preview shows how white text looks on a background with the XYZ color 52.9990, 61.9576,

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

52.9990, 61.9576, 57.3098

Protanopia

58.5074, 61.5704, 54.1480

Deuteranopia

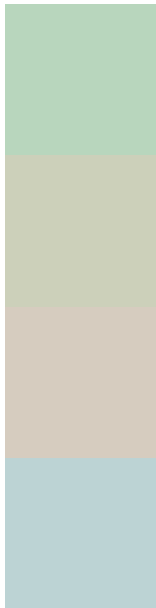
62.8928, 61.6415, 58.4524



Tritanopia

57.6263, 61.9843, 80.1611

Trichromacy



Original Color

52.9990, 61.9576, 57.3098

Protanomaly

56.3206, 61.4943, 55.3555

Deuteranomaly

58.7284, 61.2435, 58.0161

Tritanomaly

55.9170, 62.0334, 71.3139

Monochromacy



Original Color

52.9990, 61.9576, 57.3098

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.6550, 59.7759, 61.4806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9990, 61.9576, 57.3098 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(184, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 214, 189)  
}
```

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(184, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 214, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.9990, 61.9576, 57.3098 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(184, 214, 189) }
```


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

```
.border{ border-color:rgb(184, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 214,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9990, 61.9576, 57.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 214, 189) }
```

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

```
.background{ background-color: rgb(184,  
214, 189) }
```

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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