

Converting Colors

XYZ(52.7789, 62.1585, 51.1577)

Have a look what the booklet for
XYZ(52.7789, 62.1585, 51.1577)
contains.

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Color

**XYZ(52.5760, 61.8723,
51.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD6B2
RGB	187, 214, 178
RGB Percent	73%, 84%, 70%
CMY	0.2667, 0.1608, 0.3020
CMYK	0.13, 0.00, 0.17, 0.16
HSL	105°, 31%, 77%
HSV	105°, 17%, 84%
XYZ	52.5760, 61.8723, 51.2910
YIQ	201.8230, -4.5360, -16.9200

Conversions

Conversions Part 2

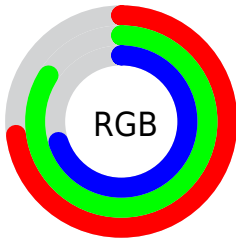
Format	Color
RYB	178, 214, 205
Decimal	12310194
CIELab	82.85, -15.61, 14.81
CIElCh	83, 21.519, 136.523
Yxy	61.8723, 0.3172, 0.3733
Android (android.graphics.Color)	4290500274 (0xFFBBD6B2)
YUV	201.8230, -11.7447, -12.9998
Hunter-Lab	78.6589, -18.3429, 16.4001

Details

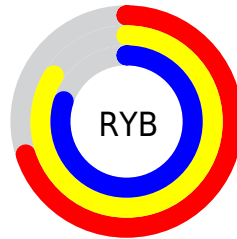
The XYZ color **52.5760, 61.8723, 51.2910** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.2373, 49.6767, 70.4042**, and the grayscale version is **56.1030, 59.0248, 64.2780**.

A 20% lighter version of the original color is **87.5734, 96.5152, 91.8556**, and **25.9313, 31.3453, 24.0856** is the 20% darker color. If you saturate the color by 10%, you get **46.8833, 59.1686, 40.6698**, and if you desaturate by 10%, it is **59.0462, 64.9417, 63.7010**.

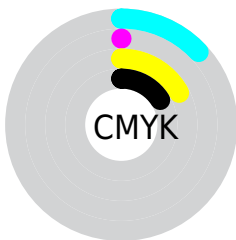
Distribution



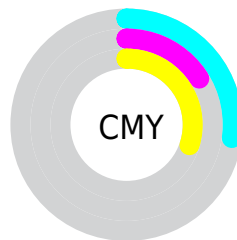
- Red (73%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5760, 61.8723, 51.2910 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 52.5760, 61.8723, 51.2910 by changing the saturation by 10% instead.

■ 52.5760, 61.8723,
51.2910

■ 52.5760, 61.8723,
51.2910

386.9438,
431.4651, 408.5721

■ 37.6905, 44.9295,
36.0619

■ 93.1494, 107.5409,
93.5007

■ 25.9187, 31.4019,
24.1919

119.5680,
137.0356, 121.3183

■ 16.8952, 20.9051,
15.2626

150.5617,
171.4830, 154.1693

■ 10.2546, 13.0546,
8.8552

186.4958,
211.2676, 192.4721

■ 5.6317, 7.4662,
4.5513

227.7357,
256.7737, 236.6452

■ 2.6610, 3.7553,
1.9324

274.6468,

■ 0.9771, 1.5377,

308.3857, 287.1072

0.5132

327.5944,
366.4881, 344.2767

■ 0.0000, 0.3150,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5760, 61.8723,
51.2910

■ 52.5760, 61.8723,
51.2910

■ 46.8833, 59.1686,
40.6698

■ 59.0462, 64.9417,
63.7010

■ 41.9333, 56.8091,
31.7510

■ 66.3173, 68.3817,
77.9726

■ 37.6957, 54.7818,
24.4472

■ 74.4174, 72.2071,
94.1797

■ 34.1364, 53.0713,
18.6617

■ 81.9557, 75.8631,
104.9313

■ 31.2179, 51.6605,
14.2873

■ 83.3378, 76.5756,
104.9959

■ 28.8992, 50.5311,
11.2028

■ 27.1336, 49.6619,
9.2667

■ 25.8646, 49.0279,
8.2953

■ 25.5420, 48.8659,
8.0859

Harmonies

Analogous

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



56.3099, 61.8723, 45.7453



52.5760, 61.8723, 51.2910



50.5613, 61.8723, 61.5943

Triad

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



52.5760, 61.8723, 51.2910



56.7554, 61.8723, 95.3564



67.7706, 61.8723, 60.3685

Complementary

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



52.5760, 61.8723, 51.2910



53.2373, 49.6767, 70.4042

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.



67.9054, 61.8723, 73.4926



52.5760, 61.8723, 51.2910



61.3784, 61.8723, 94.9146

Square

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



52.5760, 61.8723, 51.2910



52.8874, 61.8723, 87.6346



65.5135, 61.8723, 86.4968



65.1543, 61.8723, 50.4956

Rectangle

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



52.5760, 61.8723, 51.2910



50.3918, 61.8723, 70.3090



65.5135, 61.8723, 86.4968



68.1122, 61.8723, 64.5110

Sweetspot

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



52.5777, 61.8750, 51.2924



89.6334, 97.4370, 98.2844



57.6013, 61.1759, 50.8926



19.0276, 20.7809, 20.7299



0.0000, 0.0000, 0.0000



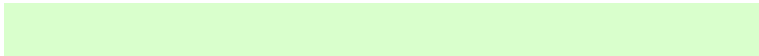
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5777, 61.8750, 51.2924



75.1995, 90.5928, 70.6495



51.3782, 61.1487, 56.1101



12.5504, 14.0444, 13.2101



15.5186, 29.5764, 4.8909



1.0125, 1.8233, 0.2986

Inverse Universe

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



53.2373, 49.6767, 70.4042



76.3474, 69.3276, 103.9654



54.6737, 50.5464, 64.6350



12.6358, 12.4692, 15.6783



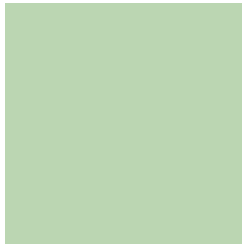
16.2602, 7.5349, 39.0505



1.0543, 0.4924, 2.3588

Previews

White Background



This preview shows how the XYZ color 52.5760, 61.8723, 51.2910 looks on a white background.

Color Contrast Check

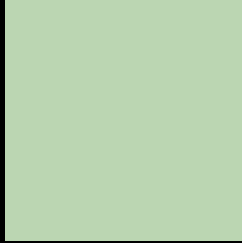
Large Text (above 18pt) WCAG AA × Fail

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 52.5760, 61.8723, 51.2910 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 52.5760, 61.8723, 51.2910

Background



This preview shows how black text looks on a background with the XYZ color 52.5760, 61.8723, 51.2910.



This preview shows how white text looks on a background with the XYZ color 52.5760, 61.8723,

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

52.5760, 61.8723, 51.2910

Protanopia

58.0866, 61.4703, 48.8479

Deuteranopia

62.7955, 61.3865, 52.2552



Tritanopia

58.2586, 61.9629, 79.4105

Trichromacy



Original Color

52.5760, 61.8723, 51.2910

Protanomaly

55.7473, 61.3287, 49.4569

Deuteranomaly

58.7445, 61.3864, 51.9326

Tritanomaly

55.7949, 61.6745, 67.9952

Monochromacy



Original Color

52.5760, 61.8723, 51.2910

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.7229, 59.8632, 59.1226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5760, 61.8723, 51.2910 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(187, 214, 178)` looks like.

```
.text, #text, p{  
    color:rgb(187, 214, 178)  
}
```

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(187, 214, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 214, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.5760, 61.8723, 51.2910 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(187, 214, 178) }
```


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

```
.border{ border-color:rgb(187, 214, 178) }
```

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

Here you see how a box with a 4 pixel rgb(187, 214, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 214, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 214, 178);  
box-shadow:4px 4px 4px 4px rgb(187, 214,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5760, 61.8723, 51.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 214, 178) }
```

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

```
.background{ background-color: rgb(187,  
214, 178) }
```

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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