

# Converting Colors

XYZ(52.9227, 61.4389, 62.6534)

Have a look what the booklet for  
XYZ(52.9227, 61.4389, 62.6534)  
contains.

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# Color

**XYZ(52.8097, 61.3690,  
62.4881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4D5C6
RGB	180, 213, 198
RGB Percent	71%, 84%, 78%
CMY	0.2941, 0.1647, 0.2235
CMYK	0.15, 0.00, 0.07, 0.16
HSL	153°, 28%, 77%
HSV	153°, 15%, 84%
XYZ	52.8097, 61.3690, 62.4881
YIQ	201.4230, -14.8530, -11.6610

# Conversions

## Conversions Part 2

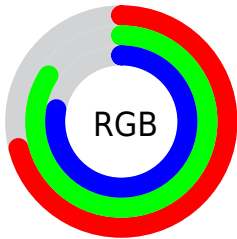
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	180, 201, 213
Decimal	11851206
CIE Lab	82.58, -13.85, 3.76
CIE LCh	83, 14.349, 164.828
Yxy	61.3690, 0.2989, 0.3474
Android (android.graphics.Color)	4290041286 (0xFFB4D5C6)
YUV	201.4230, -1.6875, -18.7880
Hunter-Lab	78.3384, -16.7612, 7.5431

# Details

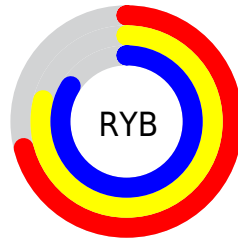
The XYZ color **52.8097, 61.3690, 62.4881** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6144, 50.7304, 58.5987**, and the grayscale version is **55.7980, 58.7038, 63.9285**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **26.0133, 30.9794, 30.9941** is the 20% darker color. If you saturate the color by 10%, you get **47.1458, 58.5758, 56.5785**, and if you desaturate by 10%, it is **59.3105, 64.5888, 68.8122**.

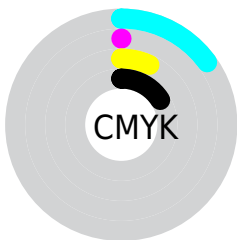
# Distribution



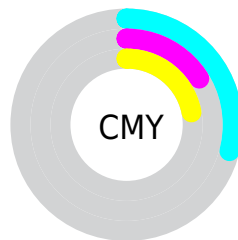
- Red (71%)
- Green (84%)
- Blue (78%)



- Red (71%)
- Yellow (79%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)




- Cyan (29%)
- Magenta (16%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8097, 61.3690, 62.4881 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 52.8097, 61.3690, 62.4881 by changing the saturation by 10% instead.





 52.8097, 61.3690,  
62.4881

 52.8097, 61.3690,  
62.4881


387.8274,  
429.6257, 451.7660

 37.8777, 44.5230,  
44.9889


 93.4915, 106.8130,  
110.0091

 26.0646, 31.0819,  
31.1058


119.9720,  
136.1799, 140.8679

 17.0049, 20.6612,  
20.4203


151.0327,  
170.4892, 177.0171

 10.3333, 12.8766,  
12.5138

187.0391,  
210.1253, 218.8750

 5.6845, 7.3436,  
6.9678

228.3564,  
255.4726, 266.8604

 2.6930, 3.6779,  
3.3639

275.3499,

 0.9936, 1.4951,

306.9155, 321.3916

1.2833

328.3852,  
364.8384, 382.8873

■ 0.0000, 0.2853,  
0.0480

■ 0.0000, 0.0000,  
0.0000

■ 52.8097, 61.3690,  
62.4881

■ 52.8097, 61.3690,  
62.4881

■ 47.1458, 58.5758,  
56.5785

■ 59.3105, 64.5888,  
68.8122

■ 42.2776, 56.1830,  
51.0708

■ 66.6768, 68.2446,  
75.5551

■ 38.1681, 54.1734,  
45.9574

■ 74.9422, 72.3554,  
82.7260

■ 34.7753, 52.5255,  
41.2290

■ 80.2826, 74.9497,  
90.1526

■ 32.0528, 51.2155,  
36.8759

■ 81.7341, 75.5302,  
97.7959

■ 29.9483, 50.2167,  
32.8877

■ 83.0854, 76.0708,  
104.9118

■ 28.4014, 49.4981,  
29.2536

■ 27.3384, 49.0218,  
25.9618

■ 26.9579, 48.8558,  
24.5851

# Harmonies

## Analogous

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



54.2617, 61.3690, 55.5215



52.8097, 61.3690, 62.4881



52.8011, 61.3690, 71.2459

# Triad

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



52.8097, 61.3690, 62.4881



59.8549, 61.3690, 84.5530



62.6218, 61.3690, 55.5850

# Complementary

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



52.8097, 61.3690, 62.4881



53.6144, 50.7304, 58.5987

# 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.



64.2307, 61.3690, 62.5820



52.8097, 61.3690, 62.4881



62.5955, 61.3690, 79.5568

# Square

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



52.8097, 61.3690, 62.4881



56.7964, 61.3690, 84.5222



64.2209, 61.3690, 71.3485



59.8897, 61.3690, 51.7807



# Rectangle

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



52.8097, 61.3690, 62.4881



53.6116, 61.3690, 76.9598



64.2209, 61.3690, 71.3485



63.3161, 61.3690, 57.6131

# Sweetspot

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



52.8114, 61.3716, 62.4895



89.5945, 97.2938, 103.8468



54.6438, 62.5420, 52.3728



19.0186, 20.7464, 22.0783



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

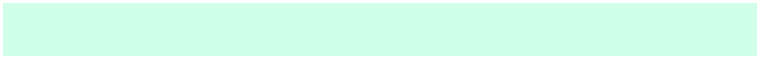


# Same Dimension

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



52.8114, 61.3716, 62.4895



76.0709, 90.6024, 90.5505



54.3532, 61.5470, 71.9688



12.5429, 14.0082, 14.6734



16.5184, 29.8627, 15.2917



1.0378, 1.8178, 1.1410



# Inverse Universe

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



53.6144, 50.7304, 58.5987



77.5276, 71.3013, 83.4946



52.2249, 50.5314, 50.1820



12.6556, 12.5138, 14.1269



18.1252, 9.1864, 7.9633

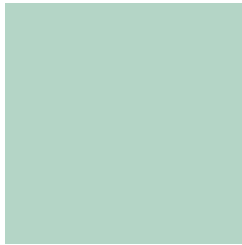


1.1347, 0.5707, 0.6986



# Previews

## White Background



This preview shows how the XYZ color 52.8097, 61.3690, 62.4881 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

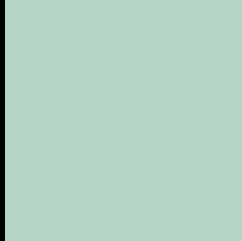
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.8097, 61.3690, 62.4881 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

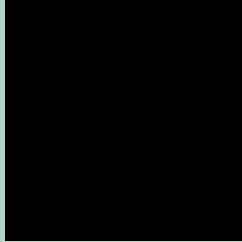
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

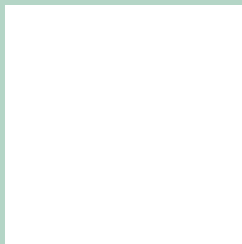
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 52.8097, 61.3690, 62.4881

## Background



This preview shows how black text looks on a background with the XYZ color 52.8097, 61.3690, 62.4881.



This preview shows how white text looks on a background with the XYZ color 52.8097, 61.3690,

62.4881.

# 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

52.8097, 61.3690, 62.4881

### Protanopia

58.3699, 61.0330, 59.1562

### Deuteranopia

62.1007, 60.7740, 63.7158



## Tritanopia

56.5355, 61.4062, 80.8243

# Trichromacy



**Original Color**

52.8097, 61.3690, 62.4881

**Protanomaly**

55.9826, 60.8451, 60.4234

**Deuteranomaly**

58.0758, 60.4373, 63.2482

**Tritanomaly**

54.9697, 61.1183, 73.8656

# Monochromacy



**Original Color**

52.8097, 61.3690, 62.4881

**Achromatopsia**

55.5167, 58.4078, 63.6061

**Achromatomaly**

54.2490, 59.1702, 63.2054

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.8097, 61.3690, 62.4881 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(180, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 213, 198)  
}
```

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(180, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 213, 198) }
```

## Border

The CSS property to change the border of an element to XYZ 52.8097, 61.3690, 62.4881 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(180, 213, 198) }
```



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

```
.border{ border-color:rgb(180, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(180, 213,  
198) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.8097, 61.3690, 62.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 213, 198) }
```

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

```
.background{ background-color: rgb(180,  
213, 198) }
```

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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