

# Converting Colors

XYZ(53.0133, 62.7707, 67.0168)

Have a look what the booklet for  
XYZ(53.0133, 62.7707, 67.0168)  
contains.

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# Color

**XYZ(53.0659, 62.9177,  
67.1051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADD9CD
RGB	173, 217, 205
RGB Percent	68%, 85%, 80%
CMY	0.3216, 0.1490, 0.1961
CMYK	0.20, 0.00, 0.06, 0.15
HSL	164°, 37%, 76%
HSV	164°, 20%, 85%
XYZ	53.0659, 62.9177, 67.1051
YIQ	202.4760, -22.3720, -13.0600

# Conversions

## Conversions Part 2

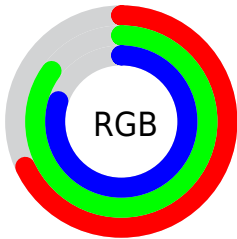
<b>Format</b>	<b>Color</b>
<b>RYB</b>	173, 198, 217
Decimal	11393485
CIELab	83.40, -16.73, 1.18
CIELCh	83, 16.771, 175.976
Yxy	62.9177, 0.2898, 0.3436
Android (android.graphics.Color)	4289583565 (0xFFADD9CD)
YUV	202.4760, 1.2443, -25.8505
Hunter-Lab	79.3207, -19.3939, 5.3653

# Details

The XYZ color **53.0659, 62.9177, 67.1051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.3180, 48.1433, 52.4368**, and the grayscale version is **56.4403, 59.3796, 64.6644**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **26.2520, 32.0681, 34.0843** is the 20% darker color. If you saturate the color by 10%, you get **47.9509, 60.3635, 63.2070**, and if you desaturate by 10%, it is **58.9909, 65.8897, 71.1849**.

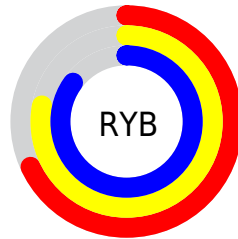
# Distribution



Red (68%)

Green (85%)

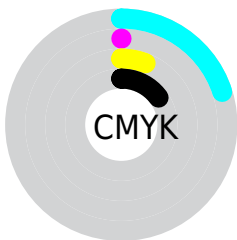
Blue (80%)



Red (68%)

Yellow (78%)

Blue (85%)

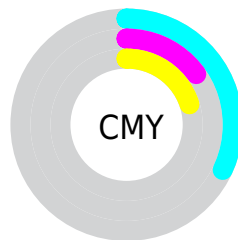


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (15%)



Cyan (32%)

Magenta (15%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0659, 62.9177, 67.1051 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 53.0659, 62.9177, 67.1051 by changing the saturation by 10% instead.




 53.0659, 62.9177,  
67.1051

 53.0659, 62.9177,  
67.1051


388.7946,  
435.2707, 468.8305

 38.0831, 45.7746,  
48.7079


 93.8663, 109.0508,  
116.7131

 26.2247, 32.0680,  
34.0239


120.4146,  
138.8096, 148.7609

 17.1254, 21.4135,  
22.6344


151.5487,  
173.5424, 186.1961

 10.4198, 13.4266,  
14.1210

187.6340,  
213.6336, 229.4371

 5.7425, 7.7229,  
8.0652

229.0359,  
259.4677, 278.9025

 2.7283, 3.9182,  
4.0483

276.1198,

 1.0118, 1.6279,

311.4290, 335.0109

1.6519

329.2509,  
369.9019, 398.1807

■ 0.0000, 0.3763,  
0.3274

■ 0.0000, 0.0000,  
0.0000

■ 53.0659, 62.9177,  
67.1051

■ 53.0659, 62.9177,  
67.1051

■ 47.9509, 60.3635,  
63.2070

■ 58.9909, 65.8897,  
71.1849

■ 43.6027, 58.1999,  
59.4830

■ 65.7557, 69.2898,  
75.4454

■ 39.9820, 56.4082,  
55.9311

■ 73.3955, 73.1378,  
79.8909

■ 37.0440, 54.9654,  
52.5477

■ 80.1521, 76.5272,  
84.4408

■ 34.7387, 53.8459,  
49.3286

■ 80.9914, 76.8629,  
88.8607

■ 33.0090, 53.0201,  
46.2697

■ 81.8592, 77.2101,  
93.4305

■ 31.7871, 52.4532,  
43.3660

■ 82.7557, 77.5687,  
98.1515

■ 30.9693, 52.0901,  
40.6846

■ 83.6812, 77.9389,  
103.0252

■ 84.1040, 78.1080,  
105.2513

# Harmonies

## Analogous

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



54.1676, 62.9177, 57.8579



53.0659, 62.9177, 67.1051



53.7076, 62.9177, 77.6991

# Triad

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



53.0659, 62.9177, 67.1051



62.9304, 62.9177, 88.2248



63.8176, 62.9177, 53.1526

# Complementary

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



53.0659, 62.9177, 67.1051



52.3180, 48.1433, 52.4368

# 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.



66.3395, 62.9177, 60.0695



53.0659, 62.9177, 67.1051



65.8128, 62.9177, 80.3879

# Square

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



53.0659, 62.9177, 67.1051



59.3100, 62.9177, 90.5922



67.0840, 62.9177, 69.9276



60.2955, 62.9177, 50.3384



# Rectangle

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



53.0659, 62.9177, 67.1051



55.0524, 62.9177, 84.0104



67.0840, 62.9177, 69.9276



64.8159, 62.9177, 55.0383

# Sweetspot

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



53.0677, 62.9203, 67.1065



88.9787, 96.9469, 105.1464



52.4781, 63.0180, 48.9341



18.9095, 20.6825, 22.4195



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

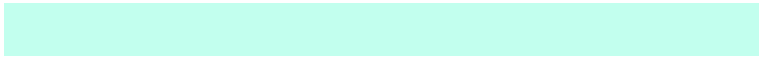


# Same Dimension

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



53.0677, 62.9203, 67.1065



73.4345, 89.1539, 94.4629



52.1860, 58.7485, 74.2377



13.2854, 14.7658, 15.9659



18.7928, 31.5497, 24.8720



1.2530, 2.0581, 1.7981



# Inverse Universe

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



52.3180, 48.1433, 52.4368



72.1818, 64.4324, 69.9282



52.9975, 51.4455, 46.6730



13.2012, 13.1096, 14.3209



17.8413, 9.1376, 3.5445

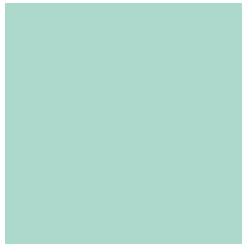


1.1918, 0.6064, 0.4190



# Previews

## White Background



This preview shows how the XYZ color 53.0659, 62.9177, 67.1051 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

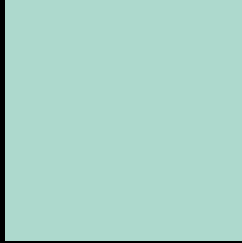
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.0659, 62.9177, 67.1051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

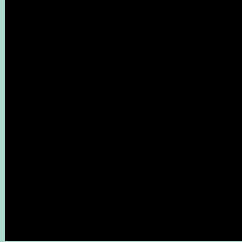
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 53.0659, 62.9177, 67.1051

## Background



This preview shows how black text looks on a background with the XYZ color 53.0659, 62.9177, 67.1051.



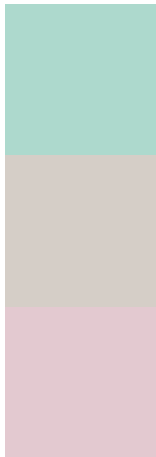
This preview shows how white text looks on a background with the XYZ color 53.0659, 62.9177,



# 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

53.0659, 62.9177, 67.1051

### Protanopia

59.8207, 62.4123, 62.9267

### Deuteranopia

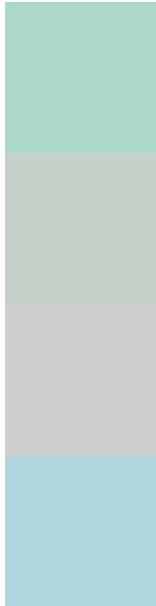
63.9504, 62.6582, 68.3982



## Tritanopia

56.4373, 62.7666, 84.0035

# Trichromacy



**Original Color**

53.0659, 62.9177, 67.1051

**Protanomaly**

56.8779, 62.3160, 64.2887

**Deuteranomaly**

59.3074, 62.3960, 67.9493

**Tritanomaly**

55.0022, 62.5437, 77.5798

# Monochromacy



**Original Color**

53.0659, 62.9177, 67.1051

**Achromatopsia**

56.1383, 59.0619, 64.3184

**Achromatomaly**

54.5782, 60.0138, 65.2072

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.0659, 62.9177, 67.1051 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(173, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(173, 217, 205)  
}
```

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(173, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 217, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 53.0659, 62.9177, 67.1051 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(173, 217, 205) }
```



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

```
.border{ border-color:rgb(173, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(173, 217,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.0659, 62.9177, 67.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 217, 205) }
```

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

```
.background{ background-color: rgb(173,  
217, 205) }
```

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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