

# Converting Colors

XYZ(53.8094, 61.6891, 71.3585)

Have a look what the booklet for  
XYZ(53.8094, 61.6891, 71.3585)  
contains.

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# Color

**XYZ(53.8094, 61.6891,  
71.3585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1D5D4
RGB	177, 213, 212
RGB Percent	69%, 84%, 83%
CMY	0.3059, 0.1647, 0.1686
CMYK	0.17, 0.00, 0.00, 0.16
HSL	178°, 30%, 76%
HSV	178°, 17%, 84%
XYZ	53.8094, 61.6891, 71.3585
YIQ	202.1220, -21.1350, -7.9430

# Conversions

## Conversions Part 2

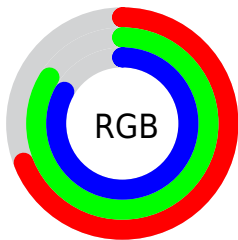
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 195, 213
Decimal	11654612
CIELab	82.75, -12.01, -3.47
CIELCh	83, 12.500, 196.111
Yxy	61.6891, 0.2880, 0.3301
Android (android.graphics.Color)	4289844692 (0xFFB1D5D4)
YUV	202.1220, 4.8699, -22.0320
Hunter-Lab	78.5424, -15.1589, 1.1127

# Details

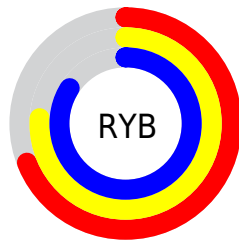
The XYZ color **53.8094, 61.6891, 71.3585** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2008, 48.8065, 48.8442**, and the grayscale version is **56.1966, 59.1232, 64.3852**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **26.6248, 31.1731, 36.5120** is the 20% darker color. If you saturate the color by 10%, you get **49.2571, 59.3526, 70.7567**, and if you desaturate by 10%, it is **59.1228, 64.4212, 72.0000**.

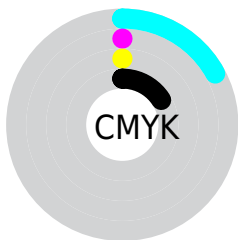
# Distribution



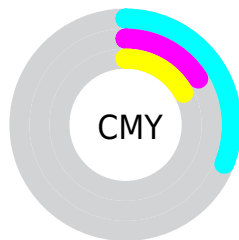
- Red (69%)
- Green (84%)
- Blue (83%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



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



- Cyan (31%)
- Magenta (16%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8094, 61.6891, 71.3585 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 53.8094, 61.6891, 71.3585 by changing the saturation by 10% instead.



■ 53.8094, 61.6891,  
71.3585

■ 53.8094, 61.6891,  
71.3585

391.5930,  
430.7961, 484.2231

■ 38.6794, 44.7815,  
52.1512

■ 94.9529, 107.2761,  
122.8433

■ 26.6900, 31.2854,  
36.7425

121.6970,  
136.7243, 155.9578

■ 17.4759, 20.8163,  
24.7140

153.0432,  
171.1214, 194.5451

■ 10.6718, 12.9898,  
15.6470

189.3569,  
210.8520, 239.0239

■ 5.9122, 7.4215,  
9.1231

231.0033,  
256.3004, 289.8125

■ 2.8319, 3.7271,  
4.7236

278.3479,

■ 1.0655, 1.5221,

307.8509, 347.3295

2.0302

331.7560,  
365.8880, 411.9935

■ 0.0000, 0.3042,  
0.5737

■ 0.0000, 0.0000,  
0.0000

■ 53.8094, 61.6891,  
71.3585

■ 53.8094, 61.6891,  
71.3585

■ 49.2571, 59.3526,  
70.7567

■ 59.1228, 64.4212,  
72.0000

■ 45.4256, 57.3860,  
70.1887


■ 65.2247, 67.5582,  
72.6785


■ 42.2789, 55.7723,  
69.6543


■ 72.1478, 71.1184,  
73.3969


■ 39.7756, 54.4904,  
69.1514


■ 77.2209, 73.7250,  
74.0301


 37.8703, 53.5167,  
68.6778


 77.2971, 73.7554,  
74.4309


 36.5112, 52.8245,  
68.2313


 77.3734, 73.7860,  
74.8332


 35.6380, 52.3828,  
67.8090

 77.4501, 73.8166,  
75.2370

 35.1716, 52.1508,  
67.4071

 77.5271, 73.8474,  
75.6422

 35.0665, 52.0992,  
67.2847

 77.6043, 73.8783,  
76.0488

# Harmonies

## Analogous

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



53.7605, 61.6891, 63.6797



53.8094, 61.6891, 71.3585



55.1248, 61.6891, 78.4051

# Triad

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



53.8094, 61.6891, 71.3585



62.4359, 61.6891, 77.9564



59.8825, 61.6891, 53.8063

# Complementary

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



53.8094, 61.6891, 71.3585



51.2008, 48.8065, 48.8442

# 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.



62.2884, 61.6891, 57.0610



53.8094, 61.6891, 71.3585



63.7927, 61.6891, 70.7833

# Square

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



53.8094, 61.6891, 71.3585



60.0788, 61.6891, 82.4086



63.7379, 61.6891, 63.1467



57.2118, 61.6891, 53.9344



# Rectangle

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



53.8094, 61.6891, 71.3585



56.5664, 61.6891, 81.6244



63.7379, 61.6891, 63.1467



60.7506, 61.6891, 54.5296

# Sweetspot

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



53.8112, 61.6916, 71.3599



90.4567, 97.6387, 108.3868



50.1379, 60.2541, 50.5837



19.2285, 20.8304, 23.1841



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

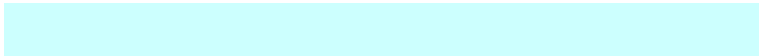


# Same Dimension

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



53.8112, 61.6916, 71.3599



78.4839, 91.4862, 106.9351



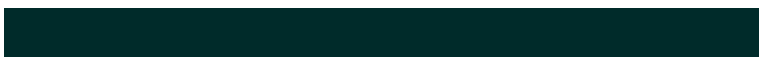
49.9286, 53.7234, 70.6919



12.7766, 14.1016, 15.9038



21.4258, 31.8257, 41.1337



1.2971, 1.9215, 2.5064



# Inverse Universe

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



51.2008, 48.8065, 48.8442



73.9032, 68.8739, 67.4231



54.6259, 55.8173, 49.4908



12.4371, 12.4264, 12.9762



16.7880, 8.6515, 0.9218



1.0176, 0.5238, 0.0822



# Previews

## White Background



This preview shows how the XYZ color 53.8094, 61.6891, 71.3585 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

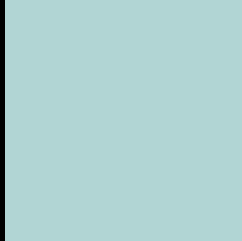
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.8094, 61.6891, 71.3585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

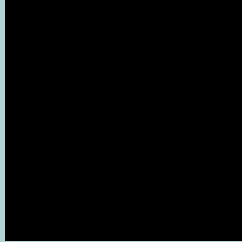
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

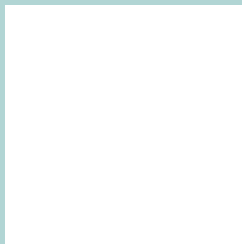
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 53.8094, 61.6891, 71.3585

## Background



This preview shows how black text looks on a background with the XYZ color 53.8094, 61.6891, 71.3585.



This preview shows how white text looks on a background with the XYZ color 53.8094, 61.6891,



# 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

53.8094, 61.6891, 71.3585

### Protanopia

59.1498, 61.2460, 67.7356

### Deuteranopia

62.5080, 61.1253, 72.7938



## Tritanopia

55.9818, 61.8379, 81.6584

# Trichromacy



**Original Color**

53.8094, 61.6891, 71.3585

**Protanomaly**

56.8474, 61.0994, 69.1188

**Deuteranomaly**

58.9073, 61.0199, 72.2916

**Tritanomaly**

55.3187, 61.9446, 78.1481

# Monochromacy



**Original Color**

53.8094, 61.6891, 71.3585

**Achromatopsia**

56.1383, 59.0619, 64.3184

**Achromatomaly**

55.2042, 59.9363, 67.0518

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.8094, 61.6891, 71.3585 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(177, 213, 212)` looks like.

```
.text, #text, p{  
    color:rgb(177, 213, 212)  
}
```

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(177, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 213, 212) }
```

## Border

The CSS property to change the border of an element to XYZ 53.8094, 61.6891, 71.3585 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(177, 213, 212) }
```



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

```
.border{ border-color:rgb(177, 213, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 213, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(177, 213,  
212) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.8094, 61.6891, 71.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 213, 212) }
```

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

```
.background{ background-color: rgb(177,  
213, 212) }
```

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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