

Converting Colors

XYZ(53.1972, 60.9714, 70.5653)

Have a look what the booklet for
XYZ(53.1972, 60.9714, 70.5653)
contains.

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Color

**XYZ(53.2059, 61.0202,
70.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D4D3
RGB	176, 212, 211
RGB Percent	69%, 83%, 83%
CMY	0.3098, 0.1686, 0.1725
CMYK	0.17, 0.00, 0.00, 0.17
HSL	178°, 30%, 76%
HSV	178°, 17%, 83%
XYZ	53.2059, 61.0202, 70.6019
YIQ	201.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

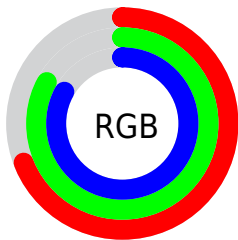
Format	Color
RYB	176, 194, 212
Decimal	11588819
CIELab	82.39, -12.02, -3.47
CIELCh	82, 12.508, 196.106
Yxy	61.0202, 0.2879, 0.3301
Android (android.graphics.Color)	4289778899 (0xFFB0D4D3)
YUV	201.1220, 4.8699, -22.0320
Hunter-Lab	78.1154, -15.1223, 1.0936

Details

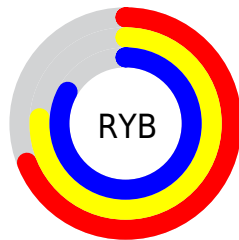
The XYZ color **53.2059, 61.0202, 70.6019** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6147, 48.2238, 48.2381**, and the grayscale version is **55.5746, 58.4688, 63.6725**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **26.3112, 30.7592, 36.4487** is the 20% darker color. If you saturate the color by 10%, you get **48.7083, 58.7118, 70.0070**, and if you desaturate by 10%, it is **58.4559, 63.7197, 71.2361**.

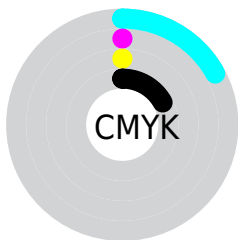
Distribution



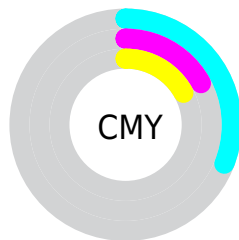
- Red (69%)
- Green (83%)
- Blue (83%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2059, 61.0202, 70.6019 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 53.2059, 61.0202, 70.6019 by changing the saturation by 10% instead.

■ 53.2059, 61.0202,
70.6019

■ 53.2059, 61.0202,
70.6019

389.3225,
428.3481, 481.5067

■ 38.1953, 44.2415,
51.5375

■ 94.0710, 106.3082,
121.7559

■ 26.3122, 30.8604,
36.2569

120.6563,
135.5862, 154.6825

■ 17.1913, 20.4926,
24.3414

151.8304,
169.7995, 193.0671

■ 10.4671, 12.7536,
15.3725

187.9589,
209.3324, 237.3281

■ 5.7744, 7.2591,
8.9317

229.4069,
254.5693, 287.8839

■ 2.7477, 3.6247,
4.6005

276.5400,

■ 1.0218, 1.4659,

305.8946, 345.1533

1.9602

329.7234,
363.6927, 409.5547

■ 0.0000, 0.2645,
0.5306

■ 0.0000, 0.0000,
0.0000

■ 53.2059, 61.0202,
70.6019

■ 53.2059, 61.0202,
70.6019

■ 48.7083, 58.7118,
70.0070

■ 58.4559, 63.7197,
71.2361

■ 44.9232, 56.7690,
69.4455

■ 64.4855, 66.8195,
71.9068

■ 41.8150, 55.1751,
68.9171

■ 71.3268, 70.3377,
72.6170

■ 39.3428, 53.9091,
68.4199

■ 76.8410, 73.1717,
73.2665

■ 37.4616, 52.9477,
67.9518

■ 76.9163, 73.2018,
73.6629

■ 36.1202, 52.2646,
67.5103

■ 76.9918, 73.2320,
74.0607

■ 35.2589, 51.8289,
67.0928

■ 77.0676, 73.2623,
74.4600

■ 34.7990, 51.6001,
66.6954

■ 77.1437, 73.2928,
74.8607

■ 34.6972, 51.5502,
66.5774

■ 77.2201, 73.3233,
75.2629

Harmonies

Analogous

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



53.1575, 61.0202, 62.9737



53.2059, 61.0202, 70.6019



54.5122, 61.0202, 77.6045

Triad

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



53.2059, 61.0202, 70.6019



61.7751, 61.0202, 77.1602



59.2389, 61.0202, 53.1704

Complementary

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



53.2059, 61.0202, 70.6019



50.6147, 48.2238, 48.2381

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.



61.6291, 61.0202, 56.4023



53.2059, 61.0202, 70.6019



63.1235, 61.0202, 70.0325

Square

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



53.2059, 61.0202, 70.6019



59.4332, 61.0202, 81.5847



63.0693, 61.0202, 62.4462



56.5858, 61.0202, 53.2971

Rectangle

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



53.2059, 61.0202, 70.6019



55.9440, 61.0202, 80.8044



63.0693, 61.0202, 62.4462



60.1014, 61.0202, 53.8886

Sweetspot

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



53.2077, 61.0227, 70.6033



90.4567, 97.6387, 108.3869



49.5589, 59.5947, 49.9664



19.2285, 20.8304, 23.1841



0.0000, 0.0000, 0.0000



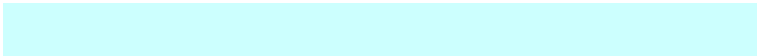
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2077, 61.0227, 70.6033



78.4840, 91.4862, 106.9354



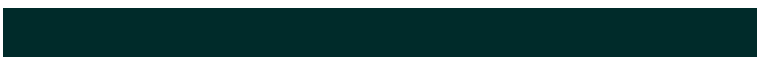
49.3500, 53.1055, 69.9396



12.7766, 14.1016, 15.9038



21.4259, 31.8257, 41.1342



1.2971, 1.9215, 2.5064

Inverse Universe

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



50.6147, 48.2238, 48.2381



73.9031, 68.8738, 67.4229



54.0158, 55.1854, 48.8804



12.4371, 12.4264, 12.9762



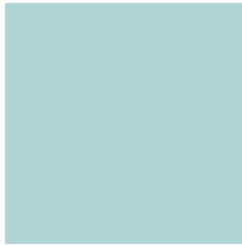
16.7880, 8.6515, 0.9217



1.0176, 0.5238, 0.0821

Previews

White Background



This preview shows how the XYZ color 53.2059, 61.0202, 70.6019 looks on a white background.

Color Contrast Check

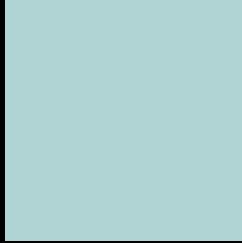
Large Text (above 18pt) WCAG AA × Fail

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 53.2059, 61.0202, 70.6019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

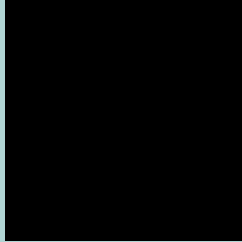
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2059, 61.0202, 70.6019

Background



This preview shows how black text looks on a background with the XYZ color 53.2059, 61.0202, 70.6019.

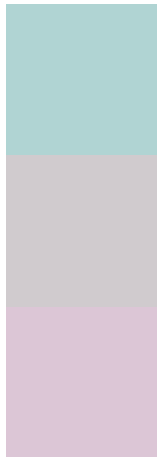


This preview shows how white text looks on a background with the XYZ color 53.2059, 61.0202,

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

53.2059, 61.0202, 70.6019

Protanopia

58.5089, 60.5780, 67.0015

Deuteranopia

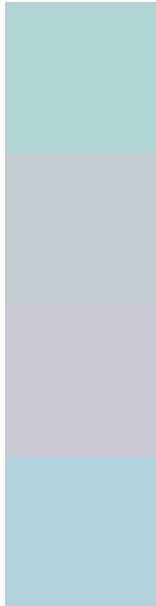
61.8469, 60.4589, 72.0284



Tritanopia

55.3645, 61.1679, 80.8401

Trichromacy



Original Color

53.2059, 61.0202, 70.6019

Protanomaly

56.2214, 60.4324, 68.3760

Deuteranomaly

58.2680, 60.3533, 71.5291

Tritanomaly

54.7055, 61.2740, 77.3504

Monochromacy



Original Color

53.2059, 61.0202, 70.6019

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.5890, 59.2769, 66.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2059, 61.0202, 70.6019 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(176, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(176, 212, 211)  
}
```

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(176, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 212, 211) }
```

Border

The CSS property to change the border of an element to XYZ 53.2059, 61.0202, 70.6019 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(176, 212, 211) }
```


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

```
.border{ border-color:rgb(176, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(176, 212,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2059, 61.0202, 70.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 212, 211) }
```

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

```
.background{ background-color: rgb(176,  
212, 211) }
```

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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