

Converting Colors

XYZ(53.2065, 56.2304, 61.4775)

Have a look what the booklet for
XYZ(53.2065, 56.2304, 61.4775)
contains.

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Color

**XYZ(53.1521, 56.2011,
61.4726)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C6C6
RGB	196, 198, 198
RGB Percent	77%, 78%, 78%
CMY	0.2314, 0.2235, 0.2235
CMYK	0.01, 0.00, 0.00, 0.22
HSL	180°, 2%, 77%
HSV	180°, 1%, 78%
XYZ	53.1521, 56.2011, 61.4726
YIQ	197.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

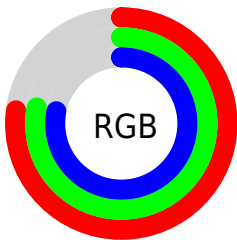
Format	Color
R _Y B	196, 197, 198
Decimal	12895942
CIE Lab	79.73, -0.68, -0.25
CIE LCh	80, 0.729, 200.111
Yxy	56.2011, 0.3111, 0.3290
Android (android.graphics.Color)	4291086022 (0xFFC4C6C6)
YUV	197.4020, 0.2948, -1.2296
Hunter-Lab	74.9674, -4.6359, 3.8599

Details

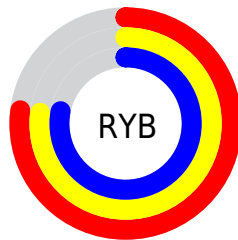
The XYZ color **53.1521, 56.2011, 61.4726** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9945, 55.4727, 60.1415**, and the grayscale version is **53.3140, 56.0905, 61.0825**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **26.1626, 27.7109, 30.3554** is the 20% darker color. If you saturate the color by 10%, you get **48.3348, 53.7197, 61.2299**, and if you desaturate by 10%, it is **58.6523, 59.0377, 61.7496**.

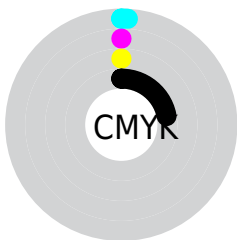
Distribution



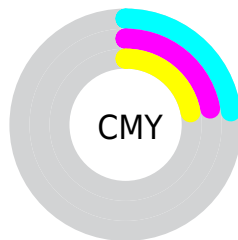
- Red (77%)
- Green (78%)
- Blue (78%)



- Red (77%)
- Yellow (77%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1521, 56.2011, 61.4726 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 53.1521, 56.2011, 61.4726 by changing the saturation by 10% instead.

■ 53.1521, 56.2011,
61.4726

■ 53.1521, 56.2011,
61.4726

389.1197,
410.4489, 447.9591

■ 38.1522, 40.3642,
44.1737

93.9924, 99.2985,
108.5271

■ 26.2786, 27.8226,
30.4689

120.5634,
127.3279, 139.1198

■ 17.1659, 18.1920,
19.9397

151.7222,
160.1901, 174.9807

■ 10.4489, 11.0879,
12.1676

187.8341,
198.2697, 216.5285

■ 5.7621, 6.1260,
6.7340

229.2644,
241.9509, 264.1817

■ 2.7403, 2.9218,
3.2204

276.3785,

■ 1.0179, 1.0911,

291.6183, 318.3589

1.2082

329.5419,
347.6562, 379.4785

■ 0.0000, 0.0000,
0.0000

■ 53.1521, 56.2011,
61.4726

■ 53.1521, 56.2011,
61.4726

■ 48.3348, 53.7197,
61.2299

■ 58.6523, 59.0377,
61.7496

■ 44.1692, 51.5727,
61.0165

■ 64.8556, 62.2353,
62.0584

■ 40.6288, 49.7479,
60.8324

■ 71.6389, 65.7318,
62.3943

■ 37.6834, 48.2299,
60.6761

■ 71.6425, 65.7332,
62.4129

■ 35.3004, 47.0018,
60.5461

■ 71.6460, 65.7346,
62.4315

■ 33.4438, 46.0451,
60.4408

■ 71.6496, 65.7360,
62.4502

■ 32.0738, 45.3393,
60.3583

■ 71.6531, 65.7374,
62.4688

■ 31.1447, 44.8607,
60.2964

■ 71.6566, 65.7389,
62.4874

■ 30.6022, 44.5815,
60.2526

■ 71.6602, 65.7403,
62.5061

Harmonies

Analogous

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



53.1391, 56.2011, 61.0543



53.1521, 56.2011, 61.4726



53.2361, 56.2011, 61.8176

Triad

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



53.1521, 56.2011, 61.4726



53.6349, 56.2011, 61.7148



53.4661, 56.2011, 60.3983

Complementary

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



53.1521, 56.2011, 61.4726



52.9945, 55.4727, 60.1415

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.



53.5992, 56.2011, 60.5735



53.1521, 56.2011, 61.4726



53.6968, 56.2011, 61.3328

Square

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



53.1521, 56.2011, 61.4726



53.5148, 56.2011, 61.9578



53.6837, 56.2011, 60.9151



53.3202, 56.2011, 60.4354

Rectangle

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



53.1521, 56.2011, 61.4726



53.3212, 56.2011, 61.9589



53.6837, 56.2011, 60.9151



53.5138, 56.2011, 60.4343

Sweetspot

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



53.1537, 56.2035, 61.4738

95.0500, 100.0000, 108.9000



52.9332, 56.1163, 60.2671



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



53.1537, 56.2035, 61.4738



94.1174, 99.5193, 108.8530



52.9335, 55.7625, 61.4022



11.8645, 12.5407, 13.7124



19.7389, 28.9079, 39.1651



0.9349, 1.3689, 1.8557

Inverse Universe

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



52.9945, 55.4727, 60.1415



93.8346, 98.2209, 106.4860



53.2133, 55.9107, 60.2127



11.8316, 12.3894, 13.4365



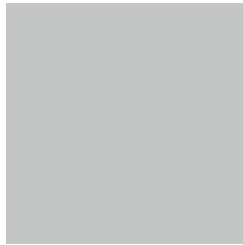
15.1466, 7.8082, 0.7161



0.7174, 0.3698, 0.0352

Previews

White Background



This preview shows how the XYZ color 53.1521, 56.2011, 61.4726 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 53.1521, 56.2011, 61.4726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

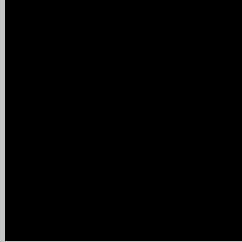
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

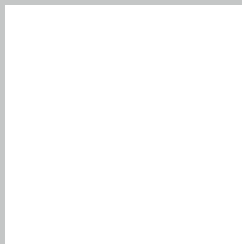
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1521, 56.2011, 61.4726

Background



This preview shows how black text looks on a background with the XYZ color 53.1521, 56.2011, 61.4726.



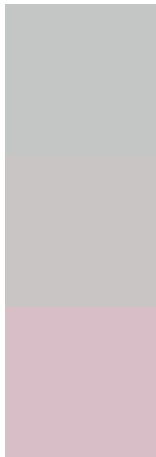
This preview shows how white text looks on a background with the XYZ color 53.1521, 56.2011,

61.4726.

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

53.1521, 56.2011, 61.4726

Protanopia

54.1317, 56.3812, 60.8529

Deuteranopia

57.2585, 55.9841, 61.8210



Tritanopia

54.7865, 56.1888, 69.5860

Trichromacy



Original Color

53.1521, 56.2011, 61.4726

Protanomaly

53.5975, 56.1058, 60.8279

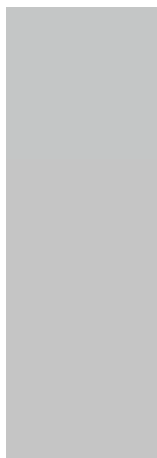
Deuteranomaly

55.8951, 56.2624, 61.9466

Tritanomaly

54.1328, 56.2591, 66.3985

Monochromacy



Original Color

53.1521, 56.2011, 61.4726

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0703, 55.8340, 60.8033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1521, 56.2011, 61.4726 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(196, 198, 198) looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 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(196, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.1521, 56.2011, 61.4726 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(196, 198, 198) }
```

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

```
.border{ border-color:rgb(196, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
198) }
```


Background

The CSS property to change the background color of an element to XYZ 53.1521, 56.2011, 61.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 198) }
```

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

```
.background{ background-color: rgb(196,  
198, 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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