

Converting Colors

XYZ(53.1714, 56.1820, 60.0653)

Have a look what the booklet for
XYZ(53.1714, 56.1820, 60.0653)
contains.

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Color

**XYZ(53.1838, 56.2440,
60.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C6C4
RGB	197, 198, 196
RGB Percent	77%, 78%, 77%
CMY	0.2274, 0.2235, 0.2314
CMYK	0.01, 0.00, 0.01, 0.22
HSL	90°, 2%, 77%
HSV	90°, 1%, 78%
XYZ	53.1838, 56.2440, 60.2776
YIQ	197.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

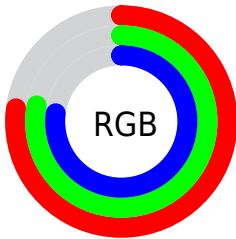
Format	Color
RYB	196, 198, 197
Decimal	12961476
CIELab	79.75, -0.71, 0.87
CIElCh	80, 1.121, 129.133
Yxy	56.2440, 0.3134, 0.3314
Android (android.graphics.Color)	4291151556 (0xFFC5C6C4)
YUV	197.4730, -0.7262, -0.4148
Hunter-Lab	74.9960, -4.6588, 4.8432

Details

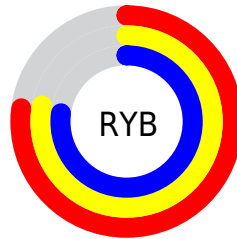
The XYZ color **53.1838, 56.2440, 60.2776** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9611, 55.4289, 61.3365**, and the grayscale version is **53.3624, 56.1414, 61.1380**.

A 20% lighter version of the original color is **94.3627, 99.6827, 107.1957**, and **26.1834, 27.7392, 29.5654** is the 20% darker color. If you saturate the color by 10%, you get **48.5650, 54.1080, 49.0628**, and if you desaturate by 10%, it is **58.2743, 58.5920, 73.0695**.

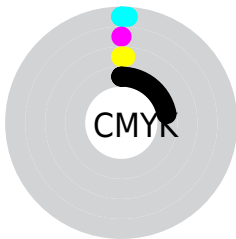
Distribution



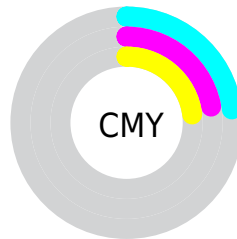
- Red (77%)
- Green (78%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1838, 56.2440, 60.2776 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 53.1838, 56.2440, 60.2776 by changing the saturation by 10% instead.

■ 53.1838, 56.2440,
60.2776

■ 53.1838, 56.2440,
60.2776

389.2392,
410.6104, 443.4533

■ 38.1776, 40.3986,
43.2157

94.0387, 99.3612,
106.7796

■ 26.2984, 27.8495,
29.7217

120.6181,
127.4019, 137.0567

■ 17.1808, 18.2122,
19.3772

151.7860,
160.2763, 172.5759

■ 10.4596, 11.1024,
11.7636

187.9076,
198.3691, 213.7559

■ 5.7693, 6.1358,
6.4623

229.3484,
242.0644, 261.0150

■ 2.7447, 2.9278,
3.0549

276.4737,

■ 1.0202, 1.0942,

291.7469, 314.7720

1.1227

329.6488,
347.8007, 375.4452

■ 0.0000, 0.0000,
0.0000

■ 53.1838, 56.2440,
60.2776

■ 53.1838, 56.2440,
60.2776

■ 48.5650, 54.1080,
49.0628

■ 58.2743, 58.5920,
73.0695

■ 44.3982, 52.1703,
39.3604

■ 63.8457, 61.1507,
87.4925

■ 40.6693, 50.4269,
31.1066

■ 69.8483, 63.9024,
103.2607

■ 37.3618, 48.8705,
24.2316

■ 73.0637, 65.5600,
103.4112

■ 34.4576, 47.4937,
18.6601

■ 76.4622, 67.3119,
103.5703

■ 31.9375, 46.2882,
14.3092

■ 79.4852, 68.8704,
103.7117

■ 29.7800, 45.2451,
11.0868

■ 27.9613, 44.3543,
8.8874

■ 26.4533, 43.6041,
7.5858

Harmonies

Analogous

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



53.3891, 56.2440, 60.0167



53.1838, 56.2440, 60.2776



53.0523, 56.2440, 60.7969

Triad

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



53.1838, 56.2440, 60.2776



53.3032, 56.2440, 62.4132



53.8894, 56.2440, 61.0424

Complementary

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



53.1838, 56.2440, 60.2776



52.9611, 55.4289, 61.3365

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.



53.8663, 56.2440, 61.6856



53.1838, 56.2440, 60.2776



53.5274, 56.2440, 62.4801

Square

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



53.1838, 56.2440, 60.2776



53.1211, 56.2440, 62.0308



53.7336, 56.2440, 62.2129



53.7968, 56.2440, 60.4562

Rectangle

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



53.1838, 56.2440, 60.2776



53.0239, 56.2440, 61.2213



53.7336, 56.2440, 62.2129



53.8949, 56.2440, 61.2590

Sweetspot

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



53.1854, 56.2464, 60.2788

95.0500, 100.0000, 108.9000



53.2209, 55.9259, 60.2151



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.



53.1854, 56.2464, 60.2788



94.1737, 99.5953, 106.7301



52.9244, 56.1119, 60.2666



11.8711, 12.5496, 13.4650



16.5638, 28.0342, 4.5381



0.8678, 1.3705, 0.2188

Inverse Universe

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



52.9611, 55.4289, 61.3365



93.7753, 98.1432, 108.6088



53.2238, 55.5643, 61.3488



11.8247, 12.3804, 13.6839



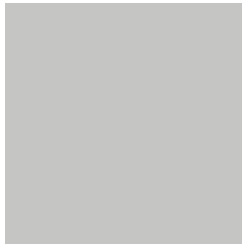
10.0878, 4.4347, 35.0687



0.5612, 0.2530, 1.6644

Previews

White Background



This preview shows how the XYZ color 53.1838, 56.2440, 60.2776 looks on a white background.

Color Contrast Check

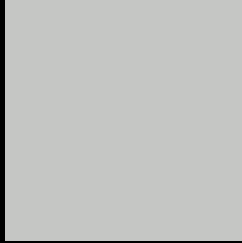
Large Text (above 18pt) WCAG AA × Fail

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 53.1838, 56.2440, 60.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

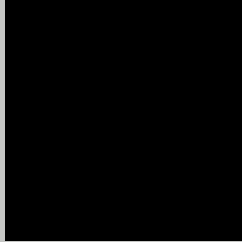
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

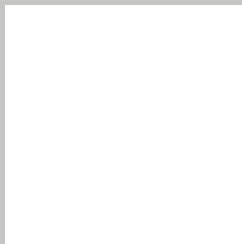
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1838, 56.2440, 60.2776

Background



This preview shows how black text looks on a background with the XYZ color 53.1838, 56.2440, 60.2776.

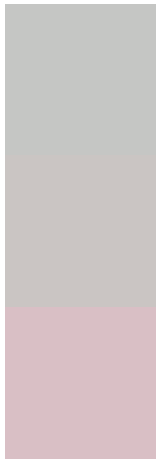


This preview shows how white text looks on a background with the XYZ color 53.1838, 56.2440,

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

53.1838, 56.2440, 60.2776

Protanopia

54.1737, 56.4292, 59.6664

Deuteranopia

57.3241, 56.0445, 60.6197



Tritanopia

55.0510, 56.3251, 69.5984

Trichromacy



Original Color

53.1838, 56.2440, 60.2776

Protanomaly

53.6360, 56.1520, 59.6413

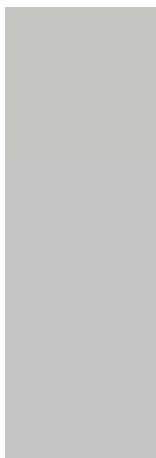
Deuteranomaly

55.9482, 56.3164, 60.7447

Tritanomaly

54.3955, 56.3945, 66.4108

Monochromacy



Original Color

53.1838, 56.2440, 60.2776

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 53.1838, 56.2440, 60.2776 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(197, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 196)  
}
```

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(197, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.1838, 56.2440, 60.2776 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(197, 198, 196) }
```

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

```
.border{ border-color:rgb(197, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
196) }
```


Background

The CSS property to change the background color of an element to XYZ 53.1838, 56.2440, 60.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 196) }
```

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

```
.background{ background-color: rgb(197,  
198, 196) }
```

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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