

Converting Colors

XYZ(52.8298, 55.9081, 62.1196)

Have a look what the booklet for
XYZ(52.8298, 55.9081, 62.1196)
contains.

XYZ(53.0086, 56.1138, 62.0700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0086, 56.1138,
62.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C6C7
RGB	195, 198, 199
RGB Percent	76%, 78%, 78%
CMY	0.2353, 0.2235, 0.2196
CMYK	0.02, 0.01, 0.00, 0.22
HSL	195°, 3%, 77%
HSV	195°, 2%, 78%
XYZ	53.0086, 56.1138, 62.0700
YIQ	197.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

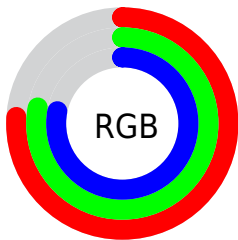
Format	Color
R_{YB}	195, 197, 199
Decimal	12830407
CIE Lab	79.68, -0.84, -0.87
CIE LCh	80, 1.210, 225.943
Yxy	56.1138, 0.3096, 0.3278
Android (android.graphics.Color)	4291020487 (0xFFC3C6C7)
YUV	197.2170, 0.8790, -1.9443
Hunter-Lab	74.9091, -4.7775, 3.3085

Details

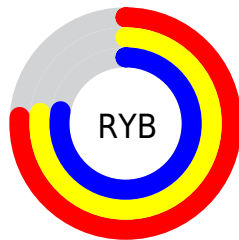
The XYZ color **53.0086, 56.1138, 62.0700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1436, 55.5616, 59.5542**, and the grayscale version is **53.1991, 55.9696, 60.9509**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **26.0686, 27.6536, 30.7518** is the 20% darker color. If you saturate the color by 10%, you get **47.0910, 51.4095, 61.4747**, and if you desaturate by 10%, it is **59.6517, 61.2504, 62.7122**.

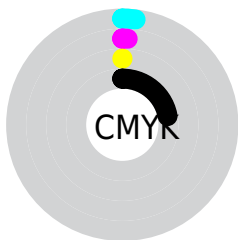
Distribution



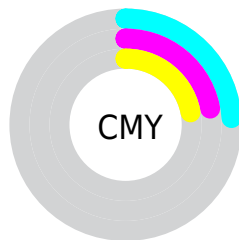
- Red (76%)
- Green (78%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0086, 56.1138, 62.0700 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 53.0086, 56.1138, 62.0700 by changing the saturation by 10% instead.

■ 53.0086, 56.1138,
62.0700

■ 53.0086, 56.1138,
62.0700

388.5784,
410.1202, 450.2011

■ 38.0371, 40.2942,
44.6531

■ 93.7825, 99.1709,
109.3993

■ 26.1889, 27.7680,
30.8433

120.3156,
127.1773, 140.1487

■ 17.0984, 18.1508,
20.2221

151.4333,
160.0146, 176.1795

■ 10.4004, 11.0583,
12.3709

187.5010,
198.0673, 217.9100

■ 5.7295, 6.1061,
6.8712

228.8840,
241.7198, 265.7589

■ 2.7204, 2.9097,
3.3045

275.9477,

■ 1.0077, 1.0848,

291.3566, 320.1447

1.2521

329.0574,
347.3619, 381.4859

■ 0.0000, 0.0000,
0.0221

■ 0.0000, 0.0000,
0.0000

■ 53.0086, 56.1138,
62.0700

■ 53.0086, 56.1138,
62.0700

■ 47.0910, 51.4095,
61.4747

■ 59.6517, 61.2504,
62.7122

■ 41.8670, 47.1157,
60.9213

■ 67.0414, 66.8259,
63.3989

■ 37.3091, 43.2194,
60.4094

■ 75.2037, 72.8558,
64.1326

■ 33.3862, 39.7040,
59.9376

■ 76.5788, 75.4434,
64.5595

■ 30.0645, 36.5514,
59.5042

■ 77.8829, 78.0514,
64.9942

■ 27.3070, 33.7422,
59.1073

■ 79.2257, 80.7370,
65.4418

■ 25.0725, 31.2543,
58.7449

■ 80.6076, 83.5008,
65.9025

■ 23.3135, 29.0630,
58.4146

■ 82.0290, 86.3436,
66.3762

■ 21.9738, 27.1385,
58.1138

■ 83.4901, 89.2658,
66.8633

Harmonies

Analogous

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



52.8842, 56.1138, 61.4685



53.0086, 56.1138, 62.0700



53.2205, 56.1138, 62.4123

Triad

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



53.0086, 56.1138, 62.0700



53.7913, 56.1138, 61.4256



53.2056, 56.1138, 59.8143

Complementary

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



53.0086, 56.1138, 62.0700



53.1436, 55.5616, 59.5542

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.



53.4486, 56.1138, 59.8030



53.0086, 56.1138, 62.0700



53.7873, 56.1138, 60.7297

Square

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



53.0086, 56.1138, 62.0700



53.6727, 56.1138, 62.0384



53.6617, 56.1138, 60.1370



52.9977, 56.1138, 60.1679

Rectangle

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



53.0086, 56.1138, 62.0700



53.3831, 56.1138, 62.4458



53.6617, 56.1138, 60.1370



53.2859, 56.1138, 59.7705

Sweetspot

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



53.0102, 56.1162, 62.0712



93.9157, 99.1148, 108.7889



52.8862, 56.4323, 60.2908



20.1138, 21.2240, 23.2865



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.



53.0102, 56.1162, 62.0712



92.7944, 98.2374, 108.6787



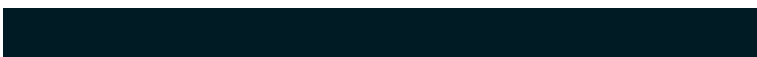
52.5704, 55.2365, 61.9246



11.7103, 12.3913, 13.6921



13.6540, 16.7019, 37.2485



0.7013, 0.9005, 1.7820

Inverse Universe

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



53.2626, 55.2507, 61.2861



93.2406, 96.7075, 107.2908



53.5832, 56.4408, 59.7007



11.7623, 12.2129, 13.5303



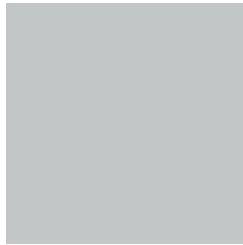
18.6912, 9.2261, 19.3817



0.9127, 0.4479, 1.0634

Previews

White Background



This preview shows how the XYZ color 53.0086, 56.1138, 62.0700 looks on a white background.

Color Contrast Check

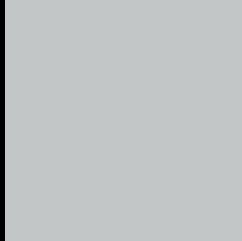
Large Text (above 18pt) WCAG AA × Fail

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 53.0086, 56.1138, 62.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

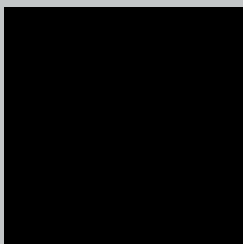
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

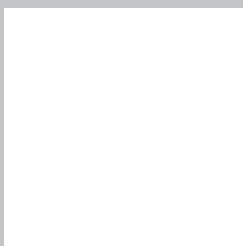
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0086, 56.1138, 62.0700

Background



This preview shows how black text looks on a background with the XYZ color 53.0086, 56.1138, 62.0700.

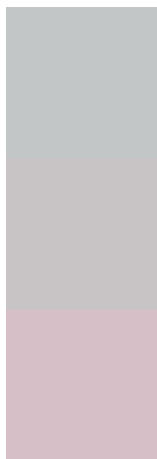


This preview shows how white text looks on a background with the XYZ color 53.0086, 56.1138,

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

53.0086, 56.1138, 62.0700

Protanopia

53.7524, 55.8364, 61.3705

Deuteranopia

57.0805, 55.8788, 62.4208



Tritanopia

54.6496, 56.1036, 70.2361

Trichromacy



Original Color

53.0086, 56.1138, 62.0700

Protanomaly

53.4480, 56.0155, 61.4211

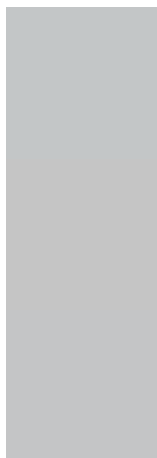
Deuteranomaly

55.7295, 56.1636, 62.5470

Tritanomaly

53.9937, 56.1733, 67.0282

Monochromacy



Original Color

53.0086, 56.1138, 62.0700

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9242, 55.7455, 61.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0086, 56.1138, 62.0700 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(195, 198, 199) looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 199)  
}
```

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(195, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.0086, 56.1138, 62.0700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

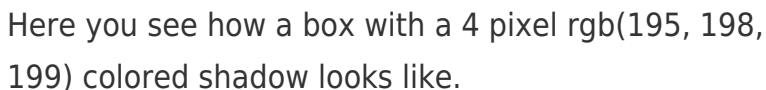
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 198, 199) }
```


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

```
.border{ border-color:rgb(195, 198, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 198, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 198, 199); box-shadow:4px 4px 4px 4px rgb(195, 198, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0086, 56.1138, 62.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 199) }
```

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

```
.background{ background-color: rgb(195,  
198, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor