

Converting Colors

XYZ(53.3116, 55.9902, 60.1927)

Have a look what the booklet for
XYZ(53.3116, 55.9902, 60.1927)
contains.

XYZ(53.2188, 55.9238, 60.2140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(53.2188, 55.9238,
60.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C5C4
RGB	198, 197, 196
RGB Percent	78%, 77%, 77%
CMY	0.2235, 0.2274, 0.2314
CMYK	0.00, 0.01, 0.01, 0.22
HSL	30°, 2%, 77%
HSV	30°, 1%, 78%
XYZ	53.2188, 55.9238, 60.2140
YIQ	197.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

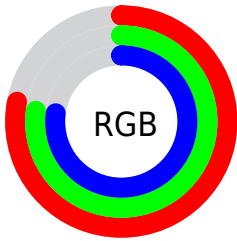
Format	Color
RYB	198, 198, 196
Decimal	13026756
CIELab	79.57, 0.17, 0.61
CIElCh	80, 0.636, 74.718
Yxy	55.9238, 0.3142, 0.3302
Android (android.graphics.Color)	4291216836 (0xFFC6C5C4)
YUV	197.1850, -0.5842, 0.7148
Hunter-Lab	74.7822, -3.8393, 4.6078

Details

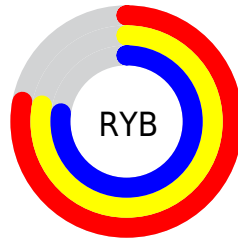
The XYZ color **53.2188, 55.9238, 60.2140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9244, 55.7449, 61.3974**, and the grayscale version is **53.1871, 55.9569, 60.9371**.

A 20% lighter version of the original color is **94.4114, 99.2355, 107.1069**, and **26.2065, 27.5272, 29.5232** is the 20% darker color. If you saturate the color by 10%, you get **48.9450, 50.7475, 48.3944**, and if you desaturate by 10%, it is **57.9399, 61.5172, 73.6516**.

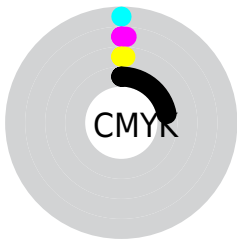
Distribution



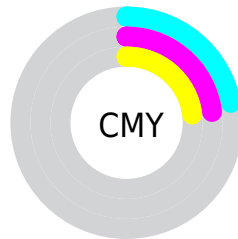
- Red (78%)
- Green (77%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2188, 55.9238, 60.2140 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 53.2188, 55.9238, 60.2140 by changing the saturation by 10% instead.

■ 53.2188, 55.9238,
60.2140

■ 53.2188, 55.9238,
60.2140

389.3711,
409.4043, 443.2126

■ 38.2056, 40.1418,
43.1647

94.0899, 98.8932,
106.6864

■ 26.3203, 27.6491,
29.6820

120.6785,
126.8493, 136.9467

■ 17.1973, 18.0613,
19.3474

151.8564,
159.6324, 172.4477

■ 10.4715, 10.9940,
11.7422

187.9888,
197.6267, 213.6080

■ 5.7773, 6.0628,
6.4480

229.4411,
241.2166, 260.8461

■ 2.7495, 2.8833,
3.0462

276.5787,

■ 1.0227, 1.0711,

290.7866, 314.5805

1.1183

329.7669,
346.7210, 375.2298

■ 0.0000, 0.0000,
0.0000

■ 53.2188, 55.9238,
60.2140

■ 53.2188, 55.9238,
60.2140

■ 48.9450, 50.7475,
48.3944

■ 57.9399, 61.5172,
73.6516

■ 45.0994, 45.9710,
38.1272

■ 63.1173, 67.5304,
88.7618

■ 41.6685, 41.5859,
29.3478

■ 68.7007, 73.9492,
105.2604

■ 38.6361, 37.5812,
21.9858

■ 71.4712, 79.4901,
106.1839

■ 35.9847, 33.9449,
15.9649

■ 74.3987, 85.3453,
107.1598

■ 33.6957, 30.6645,
11.2012

■ 77.0991, 90.7460,
108.0599

■ 31.7482, 27.7264,
7.6019

■ 30.1188, 25.1158,
5.0605

■ 28.7802, 22.8162,
3.4508

Harmonies

Analogous

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



53.3290, 55.9238, 60.3968



53.2188, 55.9238, 60.2140



53.0914, 55.9238, 60.2122

Triad

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



53.2188, 55.9238, 60.2140



52.9162, 55.9238, 61.0708



53.3273, 55.9238, 61.3938

Complementary

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



53.2188, 55.9238, 60.2140



52.9244, 55.7449, 61.3974

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.



53.2165, 55.9238, 61.5759



53.2188, 55.9238, 60.2140



52.9792, 55.9238, 61.3889

Square

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



53.2188, 55.9238, 60.2140



52.9168, 55.9238, 60.7059



53.0890, 55.9238, 61.5741



53.3917, 55.9238, 61.0775

Rectangle

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



53.2188, 55.9238, 60.2140



53.0138, 55.9238, 60.3139



53.0890, 55.9238, 61.5741



53.2942, 55.9238, 61.4728

Sweetspot

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



53.2204, 55.9262, 60.2152

95.0500, 100.0000, 108.9000



53.1075, 55.5177, 60.7411



20.3446, 21.4041, 23.3091



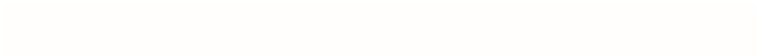
0.0000, 0.0000, 0.0000

Same Dimension

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



53.2204, 55.9262, 60.2152



94.2380, 99.0287, 106.6174



53.4475, 56.3804, 60.2909



11.8786, 12.4836, 13.4519



18.1528, 13.8227, 1.7113



0.9320, 0.7994, 0.1052

Inverse Universe

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



52.9244, 55.7449, 61.3974



93.7113, 98.7061, 108.7208



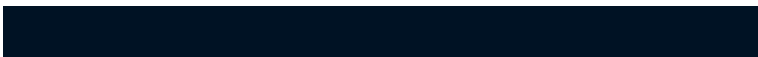
52.6988, 55.2937, 61.3222



11.8172, 12.4460, 13.6970



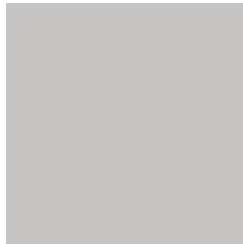
9.5958, 8.5855, 35.8958



0.5268, 0.5514, 1.7238

Previews

White Background



This preview shows how the XYZ color 53.2188, 55.9238, 60.2140 looks on a white background.

Color Contrast Check

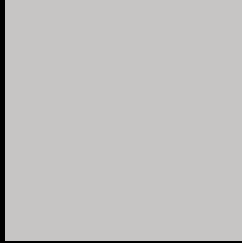
Large Text (above 18pt) WCAG AA × Fail

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 53.2188, 55.9238, 60.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

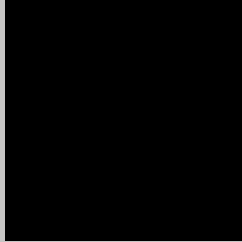
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

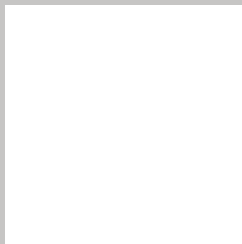
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2188, 55.9238, 60.2140

Background



This preview shows how black text looks on a background with the XYZ color 53.2188, 55.9238, 60.2140.



This preview shows how white text looks on a background with the XYZ color 53.2188, 55.9238,

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

53.2188, 55.9238, 60.2140

Protanopia

53.7911, 55.8829, 60.1759

Deuteranopia

57.0277, 55.8918, 60.6058



Tritanopia

54.9674, 55.9627, 68.8776

Trichromacy



Original Color

53.2188, 55.9238, 60.2140

Protanomaly

53.5232, 55.7447, 60.1634

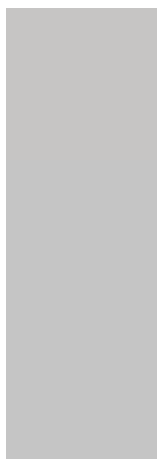
Deuteranomaly

55.4425, 55.7265, 60.6575

Tritanomaly

54.3126, 56.0297, 65.7099

Monochromacy



Original Color

53.2188, 55.9238, 60.2140

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 53.2188, 55.9238, 60.2140 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(198, 197, 196) looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 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(198, 197, 196) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 53.2188, 55.9238, 60.2140 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(198, 197, 196) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 53.2188, 55.9238, 60.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(198,  
197, 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](#).

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