

Converting Colors

XYZ(53.4328, 55.2687, 59.6138)

Have a look what the booklet for
XYZ(53.4328, 55.2687, 59.6138)
contains.

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Color

**XYZ(53.4528, 55.3879,
59.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C3C3
RGB	201, 195, 195
RGB Percent	79%, 76%, 76%
CMY	0.2118, 0.2353, 0.2353
CMYK	0.00, 0.03, 0.03, 0.21
HSL	0°, 5%, 78%
HSV	0°, 3%, 79%
XYZ	53.4528, 55.3879, 59.5034
YIQ	196.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

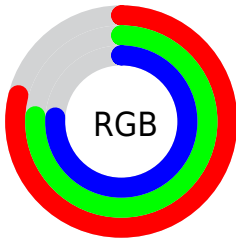
Format	Color
R_{YB}	201, 195, 195
Decimal	13222851
CIE Lab	79.26, 2.09, 0.73
CIE LCh	79, 2.216, 19.338
Yxy	55.3879, 0.3175, 0.3290
Android (android.graphics.Color)	4291412931 (0xFFC9C3C3)
YUV	196.7940, -0.8844, 3.6887
Hunter-Lab	74.4230, -2.0364, 4.6920

Details

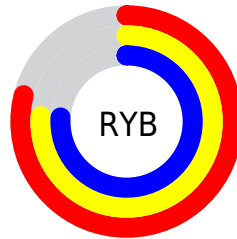
The XYZ color **53.4528, 55.3879, 59.5034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9348, 57.5914, 63.5325**, and the grayscale version is **52.9517, 55.7093, 60.6674**.

A 20% lighter version of the original color is **93.6211, 97.9091, 106.0594**, and **26.3652, 27.1759, 29.0552** is the 20% darker color. If you saturate the color by 10%, you get **47.1297, 46.1367, 46.9279**, and if you desaturate by 10%, it is **60.6905, 65.9773, 73.8945**.

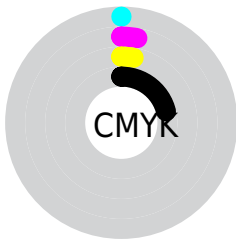
Distribution



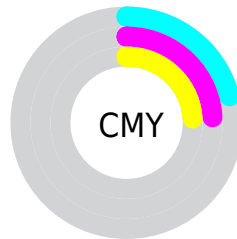
- Red (79%)
- Green (76%)
- Blue (76%)



- Red (79%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4528, 55.3879, 59.5034 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 53.4528, 55.3879, 59.5034 by changing the saturation by 10% instead.

■ 53.4528, 55.3879,
59.5034

■ 53.4528, 55.3879,
59.5034

390.2524,
407.3806, 440.5186

■ 38.3933, 39.7124,
42.5958

■ 94.4319, 98.1091,
105.6453

■ 26.4667, 27.3144,
29.2391

121.0823,
125.9235, 135.7166

■ 17.3076, 17.8095,
19.0146

152.3269,
158.5530, 171.0130

■ 10.5507, 10.8133,
11.5039

188.5313,
196.3820, 211.9528

■ 5.8306, 5.9414,
6.2884

230.0606,
239.7948, 258.9548

■ 2.7820, 2.8095,
2.9496

277.2803,

■ 1.0396, 1.0331,

289.1760, 312.4374

1.0690

330.5558,
344.9098, 372.8192

■ 0.0000, 0.0000,
0.0000

■ 53.4528, 55.3879,
59.5034

■ 53.4528, 55.3879,
59.5034

■ 47.1297, 46.1367,
46.9279

■ 60.6905, 65.9773,
73.8945

■ 41.6804, 38.1635,
36.0924

■ 68.8722, 77.9475,
90.1654

■ 37.0678, 31.4145,
26.9214

■ 77.8977, 91.1576,
108.0973

■ 33.2506, 25.8290,
19.3325

■ 30.1838, 21.3413,
13.2363

■ 27.8181, 17.8792,
8.5344

■ 26.0980, 15.3617,
5.1167

■ 24.9600, 13.6958,
2.8566

■ 24.3276, 12.7695,
1.6016

Harmonies

Analogous

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



53.4865, 55.3879, 60.7607



53.4528, 55.3879, 59.5034



53.2018, 55.3879, 58.4754

Triad

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



53.4528, 55.3879, 59.5034



52.0007, 55.3879, 58.7315



52.4870, 55.3879, 62.7386

Complementary

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



53.4528, 55.3879, 59.5034



53.9348, 57.5914, 63.5325

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.



52.0912, 55.3879, 62.1785



53.4528, 55.3879, 59.5034



51.8114, 55.3879, 59.8575

Square

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



53.4528, 55.3879, 59.5034



52.3628, 55.3879, 58.0341



51.8445, 55.3879, 61.1198



52.9272, 55.3879, 62.6405

Rectangle

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



53.4528, 55.3879, 59.5034



52.9458, 55.3879, 58.0530



51.8445, 55.3879, 61.1198



52.3444, 55.3879, 62.6207

Sweetspot

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



53.4544, 55.3903, 59.5046



93.8345, 98.2216, 106.4828



54.1458, 55.6655, 63.1497



20.0973, 21.0422, 22.8172



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.



53.4544, 55.3903, 59.5046



90.2847, 93.0280, 99.4239



54.1325, 56.7465, 59.7306



11.2823, 11.5860, 12.3440



15.1463, 7.8098, 0.7091



0.7174, 0.3702, 0.0336

Inverse Universe

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



53.9348, 57.5914, 63.5325



91.3944, 98.1125, 108.7283



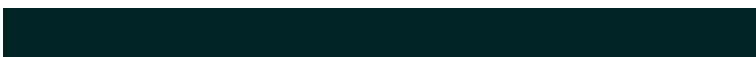
53.2431, 56.2081, 63.3020



11.4432, 12.3231, 13.6930



19.7437, 28.8813, 39.2784



0.9350, 1.3679, 1.8599

Previews

White Background



This preview shows how the XYZ color 53.4528, 55.3879, 59.5034 looks on a white background.

Color Contrast Check

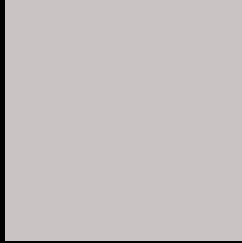
Large Text (above 18pt) WCAG AA × Fail

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 53.4528, 55.3879, 59.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

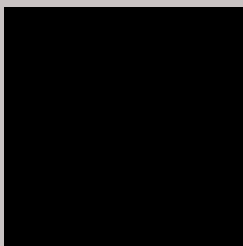
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

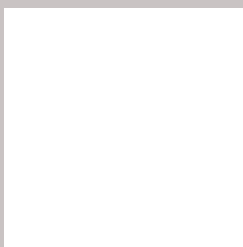
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4528, 55.3879, 59.5034

Background



This preview shows how black text looks on a background with the XYZ color 53.4528, 55.3879, 59.5034.



This preview shows how white text looks on a background with the XYZ color 53.4528, 55.3879,

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

53.4528, 55.3879, 59.5034

Protanopia

53.1849, 55.2497, 59.4909

Deuteranopia

56.4016, 55.2595, 59.9180



Tritanopia

55.0837, 55.3905, 67.4627

Trichromacy



Original Color

53.4528, 55.3879, 59.5034

Protanomaly

53.1849, 55.2497, 59.4909

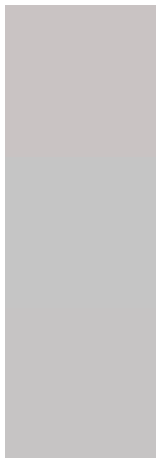
Deuteranomaly

55.3918, 55.3864, 59.9957

Tritanomaly

54.4284, 55.4519, 64.3345

Monochromacy



Original Color

53.4528, 55.3879, 59.5034

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9924, 55.4711, 60.1386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4528, 55.3879, 59.5034 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(201, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 195, 195)  
}
```

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(201, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.4528, 55.3879, 59.5034 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(201, 195, 195) }
```


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

```
.border{ border-color:rgb(201, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4528, 55.3879, 59.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 195, 195) }
```

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

```
.background{ background-color: rgb(201,  
195, 195) }
```

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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