

Converting Colors

XYZ(55.3228, 59.9043, 55.1012)

Have a look what the booklet for
XYZ(55.3228, 59.9043, 55.1012)
contains.

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Color

**XYZ(55.3228, 59.9043,
55.1012)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCDBA
RGB	203, 205, 186
RGB Percent	80%, 80%, 73%
CMY	0.2039, 0.1961, 0.2706
CMYK	0.01, 0.00, 0.09, 0.20
HSL	66°, 16%, 77%
HSV	66°, 9%, 80%
XYZ	55.3228, 59.9043, 55.1012
YIQ	202.2360, 4.9070, -6.3330

Conversions

Conversions Part 2

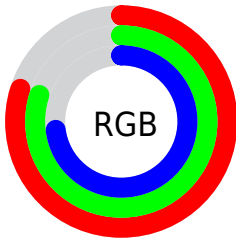
Format	Color
RYB	186, 205, 188
Decimal	13356474
CIELab	81.79, -4.02, 9.22
CIELCh	82, 10.057, 113.573
Yxy	59.9043, 0.3248, 0.3517
Android (android.graphics.Color)	4291546554 (0xFFCBCDBA)
YUV	202.2360, -8.0043, 0.6700
Hunter-Lab	77.3979, -7.8572, 11.9687

Details

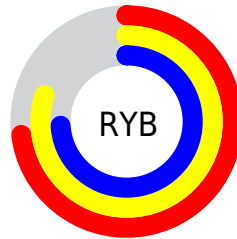
The XYZ color **55.3228, 59.9043, 55.1012** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3197, 50.2186, 64.8545**, and the grayscale version is **56.3340, 59.2677, 64.5426**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **27.6947, 30.2162, 26.5630** is the 20% darker color. If you saturate the color by 10%, you get **52.7138, 58.7951, 44.4071**, and if you desaturate by 10%, it is **58.2560, 61.1480, 67.4451**.

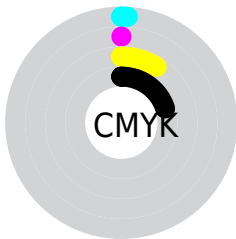
Distribution



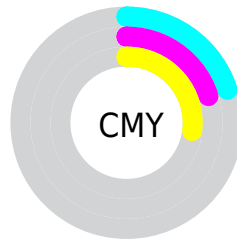
- Red (80%)
- Green (80%)
- Blue (73%)



- Red (73%)
- Yellow (80%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3228, 59.9043, 55.1012 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 55.3228, 59.9043, 55.1012 by changing the saturation by 10% instead.

■ 55.3228, 59.9043,
55.1012

■ 55.3228, 59.9043,
55.1012

397.2509,
424.2449, 423.5882

■ 39.8951, 43.3415,
39.0836

■ 97.1593, 104.6908,
99.1619

■ 27.6406, 30.1532,
26.5164

124.2988,
133.6834, 128.0420

■ 18.1940, 19.9549,
16.9812

156.0730,
167.5879, 162.0467

■ 11.1899, 12.3622,
10.0592

192.8472,
206.7889, 201.5946

■ 6.2629, 6.9909,
5.3321

234.9867,
251.6707, 247.1041

■ 3.0478, 3.4564,
2.3813

282.8569,

■ 1.1791, 1.3744,

302.6177, 298.9939

0.7762

336.8232,
360.0143, 357.6824

■ 0.0898, 0.1977,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3228, 59.9043,
55.1012

■ 55.3228, 59.9043,
55.1012

■ 52.7138, 58.7951,
44.4071

■ 58.2560, 61.1480,
67.4451

■ 50.4109, 57.8073,
35.2893

■ 61.5210, 62.5235,
81.5006

■ 48.4014, 56.9379,
27.6741

■ 65.1313, 64.0380,
97.3310

■ 46.6699, 56.1805,
21.4807

■ 66.9329, 64.8300,
103.5934

45.1997, 55.5287,
16.6208

67.5590, 65.1528,
103.6227

43.9719, 54.9747,
12.9960

68.1936, 65.4799,
103.6524

42.9655, 54.5102,
10.4945

68.8365, 65.8114,
103.6825

42.1552, 54.1250,
8.9843

69.4879, 66.1472,
103.7130

41.4983, 53.8022,
8.2407

70.1477, 66.4873,
103.7439

Harmonies

Analogous

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



57.3947, 59.9043, 54.3002



55.3228, 59.9043, 55.1012



53.7204, 59.9043, 58.5369

Triad

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



55.3228, 59.9043, 55.1012



54.5512, 59.9043, 75.0756



61.0842, 59.9043, 66.5411

Complementary

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



55.3228, 59.9043, 55.1012



49.3197, 50.2186, 64.8545

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.



60.2800, 59.9043, 72.4053



55.3228, 59.9043, 55.1012



56.4822, 59.9043, 77.5261

Square

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



55.3228, 59.9043, 55.1012



53.2827, 59.9043, 70.0059



58.5828, 59.9043, 76.5199



60.7552, 59.9043, 60.6680

Rectangle

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



55.3228, 59.9043, 55.1012



53.1166, 59.9043, 61.9799



58.5828, 59.9043, 76.5199



60.9368, 59.9043, 68.5827

Sweetspot

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



55.3244, 59.9069, 55.1025



93.5464, 99.3643, 102.5279



52.0036, 52.4496, 53.8381



19.9386, 21.2324, 21.5900



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.



55.3244, 59.9069, 55.1025



89.7782, 97.7665, 86.7759



52.8420, 58.6271, 54.9863



12.0328, 13.0343, 11.9611



25.8523, 33.5027, 5.1041



1.3680, 1.7460, 0.2649

Inverse Universe

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



49.3197, 50.2186, 64.8545



78.1091, 78.9386, 105.7276



51.7111, 51.4513, 64.9664



10.7097, 10.8997, 14.1098



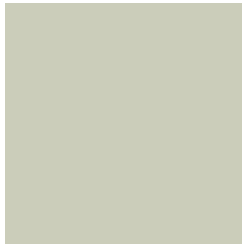
7.0999, 2.8677, 36.1356



0.4044, 0.1676, 1.8660

Previews

White Background



This preview shows how the XYZ color 55.3228, 59.9043, 55.1012 looks on a white background.

Color Contrast Check

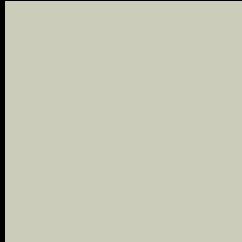
Large Text (above 18pt) WCAG AA × Fail

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 55.3228, 59.9043, 55.1012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

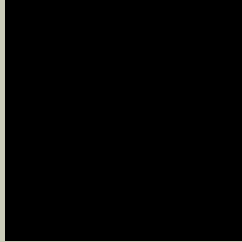
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

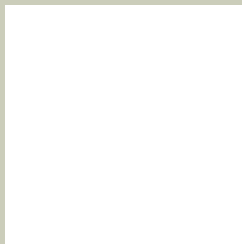
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3228, 59.9043, 55.1012

Background



This preview shows how black text looks on a background with the XYZ color 55.3228, 59.9043, 55.1012.



This preview shows how white text looks on a background with the XYZ color 55.3228, 59.9043,

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

55.3228, 59.9043, 55.1012

Protanopia

56.9769, 60.0635, 54.4894

Deuteranopia

61.1301, 59.7687, 55.8916



Tritanopia

59.0134, 59.9966, 73.4359

Trichromacy



Original Color

55.3228, 59.9043, 55.1012

Protanomaly

56.3622, 60.0984, 54.5285

Deuteranomaly

58.9083, 59.6503, 55.4226

Tritanomaly

57.5936, 59.7706, 66.2590

Monochromacy



Original Color

55.3228, 59.9043, 55.1012

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6769, 59.2540, 60.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3228, 59.9043, 55.1012 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(203, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 186)  
}
```

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(203, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 186) }
```

Border

The CSS property to change the border of an element to XYZ 55.3228, 59.9043, 55.1012 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(203, 205, 186) }
```


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

```
.border{ border-color:rgb(203, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3228, 59.9043, 55.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 186) }
```

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

```
.background{ background-color: rgb(203,  
205, 186) }
```

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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