

Converting Colors

XYZ(55.3411, 58.4711, 62.6424)

Have a look what the booklet for
XYZ(55.3411, 58.4711, 62.6424)
contains.

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Color

**XYZ(55.2828, 58.3143,
62.3749)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9C7
RGB	201, 201, 199
RGB Percent	79%, 79%, 78%
CMY	0.2118, 0.2117, 0.2196
CMYK	0.00, 0.00, 0.01, 0.21
HSL	60°, 2%, 78%
HSV	60°, 1%, 79%
XYZ	55.2828, 58.3143, 62.3749
YIQ	200.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

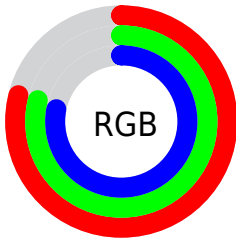
Format	Color
R _Y B	199, 201, 199
Decimal	13224391
CIE Lab	80.91, -0.36, 0.99
CIE LCh	81, 1.051, 110.026
Yxy	58.3143, 0.3142, 0.3314
Android (android.graphics.Color)	4291414471 (0xFFC9C9C7)
YUV	200.7720, -0.8736, 0.2000
Hunter-Lab	76.3638, -4.4134, 5.0259

Details

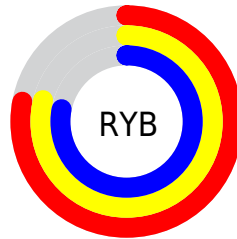
The XYZ color **55.2828, 58.3143, 62.3749** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5215, 57.2076, 63.4299**, and the grayscale version is **55.3825, 58.2667, 63.4525**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.5772, 29.1148, 30.9543** is the 20% darker color. If you saturate the color by 10%, you get **53.0920, 57.4387, 50.8838**, and if you desaturate by 10%, it is **57.7852, 59.3183, 75.4922**.

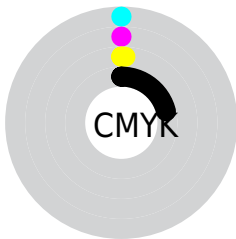
Distribution



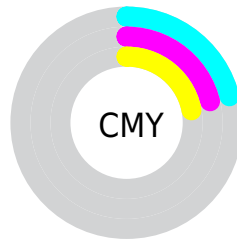
- Red (79%)
- Green (79%)
- Blue (78%)



- Red (78%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2828, 58.3143, 62.3749 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 55.2828, 58.3143, 62.3749 by changing the saturation by 10% instead.

■ 55.2828, 58.3143,
62.3749

■ 55.2828, 58.3143,
62.3749

397.1020,
418.3561, 451.3426

■ 39.8629, 42.0614,
44.8980

97.1011, 102.3804,
109.8440

■ 27.6154, 29.1494,
31.0347

124.2302,
130.9624, 140.6733

■ 18.1749, 19.1938,
20.3666

155.9931,
164.4228, 176.7904

■ 11.1761, 11.8104,
12.4751

192.7552,
203.1462, 218.6139

■ 6.2536, 6.6147,
6.9416

234.8817,
247.5168, 266.5623

■ 3.0420, 3.2223,
3.3477

282.7382,

■ 1.1760, 1.2489,

297.9190, 321.0542

1.2748

336.6898,
354.7373, 382.5082

■ 0.0873, 0.1011,
0.0410

■ 0.0000, 0.0000,
0.0000

■ 55.2828, 58.3143,
62.3749

■ 55.2828, 58.3143,
62.3749

■ 53.0920, 57.4387,
50.8838

■ 57.7852, 59.3183,
75.4922

■ 51.1960, 56.6791,
40.9520

■ 60.6056, 60.4476,
90.2915

■ 49.5835, 56.0329,
32.5134

■ 63.0558, 61.4289,
103.1413

■ 48.2408, 55.4947,
25.4959

■ 63.0659, 61.4341,
103.1418

■ 47.1532, 55.0585,
19.8213

■ 63.0760, 61.4393,
103.1422

■ 46.3044, 54.7178,
15.4040

■ 63.0862, 61.4445,
103.1427

■ 45.6761, 54.4653,
12.1483

■ 63.0963, 61.4497,
103.1432

■ 45.2477, 54.2928,
9.9452

■ 63.1064, 61.4549,
103.1437

■ 44.9946, 54.1904,
8.6648

■ 63.1165, 61.4602,
103.1441

Harmonies

Analogous

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



55.4985, 58.3143, 62.3212



55.2828, 58.3143, 62.3749



55.1059, 58.3143, 62.7275

Triad

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



55.2828, 58.3143, 62.3749



55.1576, 58.3143, 64.4173



55.8392, 58.3143, 63.7022

Complementary

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



55.2828, 58.3143, 62.3749



54.5215, 57.2076, 63.4299

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.



55.7473, 58.3143, 64.2675



55.2828, 58.3143, 62.3749



55.3535, 58.3143, 64.6821

Square

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



55.2828, 58.3143, 62.3749



55.0337, 58.3143, 63.9057



55.5694, 58.3143, 64.6271



55.8201, 58.3143, 63.0848

Rectangle

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



55.2828, 58.3143, 62.3749



55.0336, 58.3143, 63.0858



55.5694, 58.3143, 64.6271



55.8203, 58.3143, 63.9047

Sweetspot

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



55.2844, 58.3168, 62.3762

95.0500, 100.0000, 108.9000



54.8214, 57.3893, 62.2215



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.



55.2844, 58.3168, 62.3762



94.6404, 99.8359, 106.7520



55.0170, 58.1789, 62.3637



11.9255, 12.5776, 13.4675



28.2155, 34.0409, 5.0834



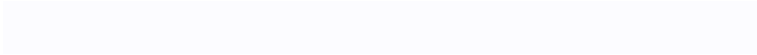
1.3367, 1.6122, 0.2407

Inverse Universe

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



54.5215, 57.2076, 63.4299



93.3117, 97.9042, 108.5871



54.7872, 57.3446, 63.4424



11.7706, 12.3525, 13.6814



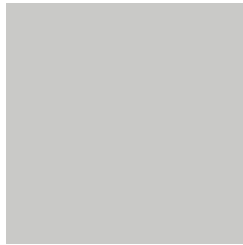
6.6326, 2.6535, 34.9070



0.3147, 0.1260, 1.6529

Previews

White Background



This preview shows how the XYZ color 55.2828, 58.3143, 62.3749 looks on a white background.

Color Contrast Check

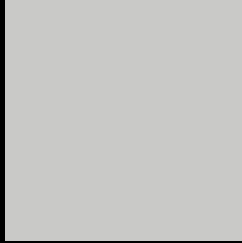
Large Text (above 18pt) WCAG AA × Fail

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 55.2828, 58.3143, 62.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

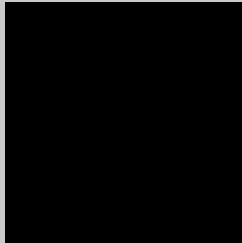
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

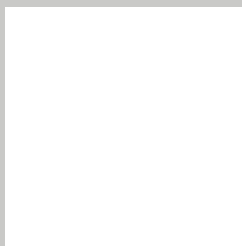
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2828, 58.3143, 62.3749

Background



This preview shows how black text looks on a background with the XYZ color 55.2828, 58.3143, 62.3749.



This preview shows how white text looks on a background with the XYZ color 55.2828, 58.3143,

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

55.2828, 58.3143, 62.3749

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

59.2323, 57.9693, 62.7109



Tritanopia

57.1896, 58.3984, 71.8761

Trichromacy



Original Color

55.2828, 58.3143, 62.3749

Protanomaly

55.7492, 58.2231, 61.7260

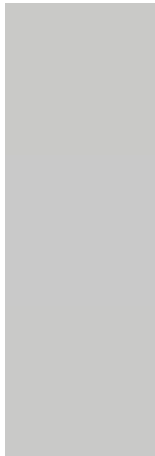
Deuteranomaly

57.8322, 58.2488, 62.8386

Tritanomaly

56.5200, 58.4686, 68.6282

Monochromacy



Original Color

55.2828, 58.3143, 62.3749

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3994, 58.3609, 62.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2828, 58.3143, 62.3749 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, 201, 199) looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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(201, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.2828, 58.3143, 62.3749 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, 201, 199) }
```

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

```
.border{ border-color:rgb(201, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 201, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 201, 199); box-shadow:4px 4px 4px 4px rgb(201, 201, 199) }
```


Background

The CSS property to change the background color of an element to XYZ 55.2828, 58.3143, 62.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 199) }
```

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

```
.background{ background-color: rgb(201,  
201, 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](#).

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