

Converting Colors

XYZ(55.0574, 58.3445, 62.8454)

Have a look what the booklet for
XYZ(55.0574, 58.3445, 62.8454)
contains.

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Color

**XYZ(54.8652, 58.0855,
62.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C9C8
RGB	199, 201, 200
RGB Percent	78%, 79%, 78%
CMY	0.2196, 0.2117, 0.2157
CMYK	0.01, 0.00, 0.00, 0.21
HSL	150°, 2%, 78%
HSV	150°, 1%, 79%
XYZ	54.8652, 58.0855, 62.9635
YIQ	200.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

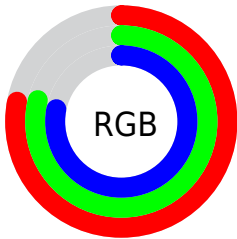
Format	Color
R_{YB}	199, 200, 201
Decimal	13093320
CIE _{Lab}	80.79, -0.87, 0.25
CIE _{LCh}	81, 0.901, 164.020
Yxy	58.0855, 0.3119, 0.3302
Android (android.graphics.Color)	4291283400 (0xFFC7C9C8)
YUV	200.2880, -0.1420, -1.1296
Hunter-Lab	76.2138, -4.8748, 4.3677

Details

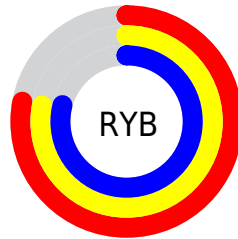
The XYZ color **54.8652, 58.0855, 62.9635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9383, 57.4361, 62.8373**, and the grayscale version is **55.0798, 57.9482, 63.1056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.2991, 28.9625, 31.3456** is the 20% darker color. If you saturate the color by 10%, you get **48.7423, 55.0622, 56.7365**, and if you desaturate by 10%, it is **61.7733, 61.5079, 69.6342**.

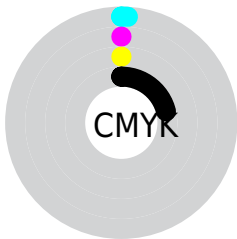
Distribution



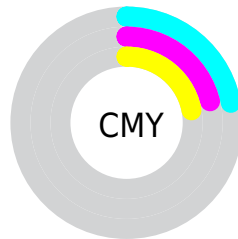
- Red (78%)
- Green (79%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8652, 58.0855, 62.9635 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 54.8652, 58.0855, 62.9635 by changing the saturation by 10% instead.

■ 54.8652, 58.0855,
62.9635

■ 54.8652, 58.0855,
62.9635

395.5455,
417.5045, 453.5413

■ 39.5272, 41.8774,
45.3709

96.4929, 102.0474,
110.7019

■ 27.3527, 29.0053,
31.4046

123.5133,
130.5699, 141.6848

■ 17.9762, 19.0848,
20.6461

155.1586,
163.9660, 177.9682

■ 11.0325, 11.7316,
12.6768

191.7941,
202.6201, 219.9706

■ 6.1562, 6.5612,
7.0783

233.7852,
246.9167, 268.1105

■ 2.9818, 3.1892,
3.4319

281.4972,

■ 1.1442, 1.2313,

297.2399, 322.8066

1.3192

335.2955,
353.9744, 384.4774

■ 0.0616, 0.0870,
0.0774

■ 0.0000, 0.0000,
0.0000

■ 54.8652, 58.0855,
62.9635

■ 54.8652, 58.0855,
62.9635

■ 48.7423, 55.0622,
56.7365

■ 61.7733, 61.5079,
69.6342

■ 43.3709, 52.4159,
50.9402

■ 69.4891, 65.3360,
76.7535

■ 38.7219, 50.1333,
45.5665

■ 76.4393, 68.7601,
84.2563

■ 34.7624, 48.1978,
40.6057

■ 77.8962, 69.3429,
91.9284

■ 31.4568, 46.5912,
36.0477

■ 79.4362, 69.9589,
100.0378

■ 28.7663, 45.2936,
31.8817

■ 80.1777, 70.2555,
103.9426

■ 26.6478, 44.2831,
28.0968

■ 25.0520, 43.5343,
24.6811

■ 23.9206, 43.0176,
21.6221

Harmonies

Analogous

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



54.9602, 58.0855, 62.5111



54.8652, 58.0855, 62.9635



54.8620, 58.0855, 63.4939

Triad

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



54.8652, 58.0855, 62.9635



55.2953, 58.0855, 64.2448



55.4663, 58.0855, 62.5357

Complementary

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



54.8652, 58.0855, 62.9635



54.9383, 57.4361, 62.8373

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.



55.5565, 58.0855, 62.9973



54.8652, 58.0855, 62.9635



55.4576, 58.0855, 63.9851

Square

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



54.8652, 58.0855, 62.9635



55.1101, 58.0855, 64.2357



55.5533, 58.0855, 63.5278



55.3071, 58.0855, 62.2650

Rectangle

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



54.8652, 58.0855, 62.9635



54.9124, 58.0855, 63.8204



55.5533, 58.0855, 63.5278



55.5057, 58.0855, 62.6735

Sweetspot

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



54.8668, 58.0880, 62.9648

95.0500, 100.0000, 108.9000



55.0259, 58.1834, 62.3642



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.



54.8668, 58.0880, 62.9648



93.9131, 99.4376, 107.7770



54.9806, 58.1335, 63.5637



11.8407, 12.5312, 13.5870



14.6353, 26.8665, 12.2898



0.7295, 1.2868, 0.7745

Inverse Universe

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



54.9383, 57.4361, 62.8373



94.0376, 98.3021, 107.5549



54.8253, 57.3909, 62.2421



11.8552, 12.3989, 13.5611



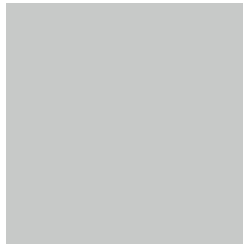
16.6583, 8.4129, 8.6767



0.8253, 0.4130, 0.6034

Previews

White Background



This preview shows how the XYZ color 54.8652, 58.0855, 62.9635 looks on a white background.

Color Contrast Check

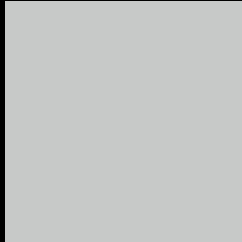
Large Text (above 18pt) WCAG AA × Fail

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 54.8652, 58.0855, 62.9635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

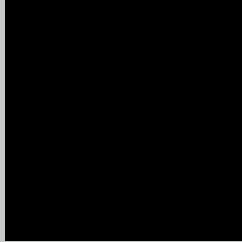
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

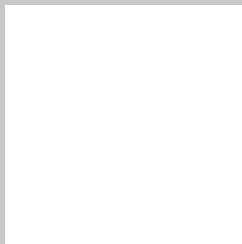
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8652, 58.0855, 62.9635

Background



This preview shows how black text looks on a background with the XYZ color 54.8652, 58.0855, 62.9635.



This preview shows how white text looks on a background with the XYZ color 54.8652, 58.0855,

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

54.8652, 58.0855, 62.9635

Protanopia

55.6341, 57.8077, 62.2586

Deuteranopia

59.0478, 57.8607, 63.3144



Tritanopia

56.6484, 58.1194, 71.8508

Trichromacy



Original Color

54.8652, 58.0855, 62.9635

Protanomaly

55.3202, 57.9886, 62.3101

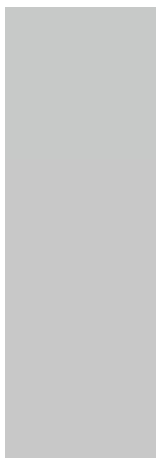
Deuteranomaly

57.6602, 58.1466, 63.4427

Tritanomaly

55.9823, 58.1914, 68.6031

Monochromacy



Original Color

54.8652, 58.0855, 62.9635

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8990, 57.7580, 62.8985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8652, 58.0855, 62.9635 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(199, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 200)  
}
```

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(199, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 200) }
```

Border

The CSS property to change the border of an element to XYZ 54.8652, 58.0855, 62.9635 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(199, 201, 200) }
```

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

```
.border{ border-color:rgb(199, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
200) }
```


Background

The CSS property to change the background color of an element to XYZ 54.8652, 58.0855, 62.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 200) }
```

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

```
.background{ background-color: rgb(199,  
201, 200) }
```

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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