

Converting Colors

XYZ(54.7744, 57.6110, 62.3329)

Have a look what the booklet for
XYZ(54.7744, 57.6110, 62.3329)
contains.

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Color

**XYZ(54.7825, 57.7114,
62.2849)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C8C7
RGB	200, 200, 199
RGB Percent	78%, 78%, 78%
CMY	0.2157, 0.2157, 0.2196
CMYK	0.00, 0.00, 0.01, 0.22
HSL	60°, 1%, 78%
HSV	60°, 1%, 78%
XYZ	54.7825, 57.7114, 62.2849
YIQ	199.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	199, 200, 199
Decimal	13158599
CIE Lab	80.58, -0.18, 0.49
CIE LCh	81, 0.521, 109.999
Yxy	57.7114, 0.3134, 0.3302
Android (android.graphics.Color)	4291348679 (0xFFC8C8C7)
YUV	199.8860, -0.4368, 0.1000
Hunter-Lab	75.9680, -4.2231, 4.5667

Details

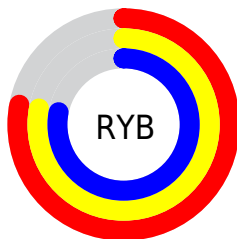
The XYZ color **54.7825, 57.7114, 62.2849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4041, 57.1606, 62.8122**, and the grayscale version is **54.8334, 57.6890, 62.8233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.2438, 28.7131, 30.8943** is the 20% darker color. If you saturate the color by 10%, you get **52.5943, 56.8359, 50.8467**, and if you desaturate by 10%, it is **57.2793, 58.7140, 75.3331**.

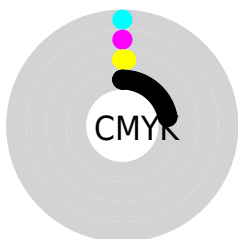
Distribution



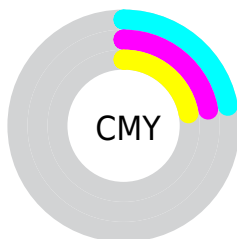
- Red (78%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7825, 57.7114, 62.2849 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 54.7825, 57.7114, 62.2849 by changing the saturation by 10% instead.

■ 54.7825, 57.7114,
62.2849

■ 54.7825, 57.7114,
62.2849

395.2368,
416.1097, 451.0059

■ 39.4608, 41.5767,
44.8257

96.3724, 101.5025,
109.7128

■ 27.3007, 28.7700,
30.9782

123.3713,
129.9276, 140.5185

■ 17.9369, 18.9069,
20.3239

154.9932,
163.2183, 176.6101

■ 11.0041, 11.6030,
12.4443

191.6036,
201.7591, 218.4062

■ 6.1369, 6.4740,
6.9208

233.5678,
245.9342, 266.3253

■ 2.9700, 3.1354,
3.3349

281.2512,

■ 1.1379, 1.2028,

296.1280, 320.7859

1.2681

335.0190,
352.7251, 382.2066

■ 0.0565, 0.0640,
0.0354

■ 0.0000, 0.0000,
0.0000

■ 54.7825, 57.7114,
62.2849

■ 54.7825, 57.7114,
62.2849

■ 52.5943, 56.8359,
50.8467

■ 57.2793, 58.7140,
75.3331

■ 50.6979, 56.0753,
40.9527

■ 60.0908, 59.8407,
90.0465

■ 49.0824, 55.4271,
32.5377

■ 62.5782, 60.8376,
103.0524

■ 47.7343, 54.8858,
25.5308

■ 62.5959, 60.8468,
103.0532

■ 46.6390, 54.4456,
19.8551

■ 62.6136, 60.8559,
103.0540

■ 45.7805, 54.1002,
15.4264

■ 62.6313, 60.8650,
103.0548

■ 45.1411, 53.8424,
12.1508

■ 62.6490, 60.8741,
103.0557

■ 44.7002, 53.6640,
9.9215

■ 62.6667, 60.8833,
103.0565

■ 44.4340, 53.5555,
8.6113

■ 62.6845, 60.8924,
103.0573

Harmonies

Analogous

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



54.8888, 57.7114, 62.2584



54.7825, 57.7114, 62.2849



54.6952, 57.7114, 62.4593

Triad

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



54.7825, 57.7114, 62.2849



54.7206, 57.7114, 63.2911



55.0562, 57.7114, 62.9405

Complementary

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



54.7825, 57.7114, 62.2849



54.4041, 57.1606, 62.8122

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.



55.0110, 57.7114, 63.2181



54.7825, 57.7114, 62.2849



54.8172, 57.7114, 63.4210

Square

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



54.7825, 57.7114, 62.2849



54.6595, 57.7114, 63.0400



54.9235, 57.7114, 63.3942



55.0468, 57.7114, 62.6363

Rectangle

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



54.7825, 57.7114, 62.2849



54.6595, 57.7114, 62.6362



54.9235, 57.7114, 63.3942



55.0468, 57.7114, 63.0400

Sweetspot

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



54.7841, 57.7139, 62.2862

95.0500, 100.0000, 108.9000



54.5534, 57.2511, 62.2090



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.



54.7841, 57.7139, 62.2862



94.6390, 99.8352, 106.7519



54.6512, 57.6454, 62.2799



11.9253, 12.5775, 13.4675



28.1675, 34.0162, 5.0812



1.3349, 1.6113, 0.2406

Inverse Universe

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



54.4041, 57.1606, 62.8122



93.3130, 97.9049, 108.5872



54.5365, 57.2289, 62.8184



11.7708, 12.3526, 13.6814



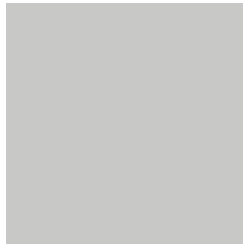
6.6356, 2.6550, 34.9071



0.3154, 0.1263, 1.6529

Previews

White Background



This preview shows how the XYZ color 54.7825, 57.7114, 62.2849 looks on a white background.

Color Contrast Check

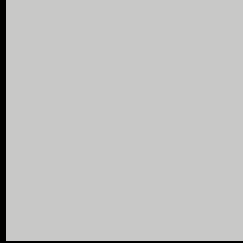
Large Text (above 18pt) WCAG AA × Fail

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 54.7825, 57.7114, 62.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

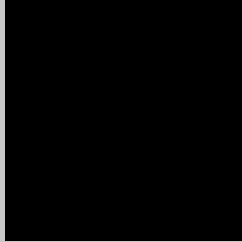
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

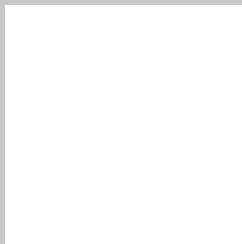
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7825, 57.7114, 62.2849

Background



This preview shows how black text looks on a background with the XYZ color 54.7825, 57.7114, 62.2849.

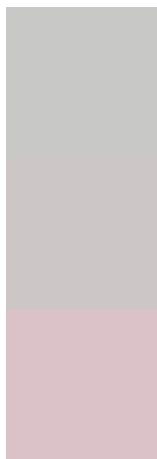


This preview shows how white text looks on a background with the XYZ color 54.7825, 57.7114,

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

54.7825, 57.7114, 62.2849

Protanopia

55.5183, 57.7614, 61.6490

Deuteranopia

58.9305, 57.8138, 62.6968



Tritanopia

56.5614, 57.7488, 71.1163

Trichromacy



Original Color

54.7825, 57.7114, 62.2849

Protanomaly

55.2451, 57.6206, 61.6362

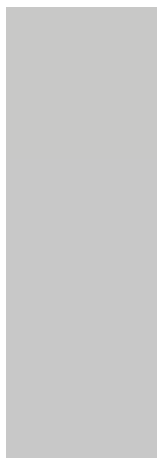
Deuteranomaly

57.3166, 57.6470, 62.7497

Tritanomaly

55.8960, 57.8184, 67.8885

Monochromacy



Original Color

54.7825, 57.7114, 62.2849

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 54.7825, 57.7114, 62.2849 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(200, 200, 199) looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 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(200, 200, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 54.7825, 57.7114, 62.2849 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(200, 200, 199) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 54.7825, 57.7114, 62.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(200,  
200, 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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