

Converting Colors

XYZ(54.6328, 57.6208, 62.8861)

Have a look what the booklet for
XYZ(54.6328, 57.6208, 62.8861)
contains.

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Color

**XYZ(54.6328, 57.6208,
62.8861)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C8C8
RGB	199, 200, 200
RGB Percent	78%, 78%, 78%
CMY	0.2196, 0.2157, 0.2157
CMYK	0.01, 0.00, 0.00, 0.22
HSL	180°, 1%, 78%
HSV	180°, 1%, 78%
XYZ	54.6328, 57.6208, 62.8861
YIQ	199.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	199, 200, 200
Decimal	13093064
CIE Lab	80.53, -0.34, -0.13
CIE LCh	81, 0.364, 200.902
Yxy	57.6208, 0.3119, 0.3290
Android (android.graphics.Color)	4291283144 (0xFFC7C8C8)
YUV	199.7010, 0.1474, -0.6148
Hunter-Lab	75.9084, -4.3695, 4.0172

Details

The XYZ color **54.6328, 57.6208, 62.8861** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5538, 57.2512, 62.2110**, and the grayscale version is **54.7166, 57.5661, 62.6895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.1442, 28.6528, 31.2940** is the 20% darker color. If you saturate the color by 10%, you get **49.6638, 55.0617, 62.6146**, and if you desaturate by 10%, it is **60.3025, 60.5444, 63.1928**.

Distribution



Red (78%)

Green (78%)

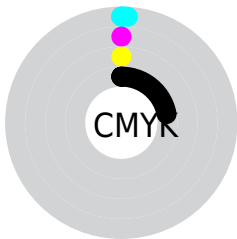
Blue (78%)



Red (78%)

Yellow (78%)

Blue (78%)



Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6328, 57.6208, 62.8861 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 54.6328, 57.6208, 62.8861 by changing the saturation by 10% instead.

■ 54.6328, 57.6208,
62.8861

■ 54.6328, 57.6208,
62.8861

394.6776,
415.7715, 453.2526

■ 39.3405, 41.5039,
45.3087

96.1542, 101.3705,
110.5892

■ 27.2066, 28.7130,
31.3559

123.1140,
129.7720, 141.5519

■ 17.8659, 18.8638,
20.6093

154.6937,
163.0371, 177.8134

■ 10.9528, 11.5719,
12.6502

191.2586,
201.5503, 219.7923

■ 6.1022, 6.4529,
7.0603

233.1741,
245.6960, 267.9072

■ 2.9486, 3.1224,
3.4208

280.8055,

■ 1.1266, 1.1960,

295.8584, 322.5764

1.3133

334.5182,
352.4221, 384.2187

■ 0.0472, 0.0584,
0.0727

■ 0.0000, 0.0000,
0.0000

■ 54.6328, 57.6208,
62.8861

■ 54.6328, 57.6208,
62.8861

■ 49.6638, 55.0617,
62.6146

■ 60.3025, 60.5444,
63.1928

■ 45.3637, 52.8458,
62.3732

■ 66.6937, 63.8383,
63.5321

■ 41.7053, 50.9607,
62.1619

■ 72.3440, 66.7502,
63.8367

■ 38.6578, 49.3906,
61.9792

■ 72.3517, 66.7533,
63.8773

■ 36.1879, 48.1182,
61.8235

■ 72.3594, 66.7564,
63.9178

■ 34.2591, 47.1247,
61.6932

■ 72.3671, 66.7595,
63.9585

■ 32.8306, 46.3892,
61.5863

■ 72.3748, 66.7625,
63.9991

■ 31.8561, 45.8877,
61.5007

■ 72.3825, 66.7656,
64.0397

■ 31.2803, 45.5918,
61.4337

■ 72.3903, 66.7687,
64.0804

Harmonies

Analogous

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



54.6252, 57.6208, 62.6743



54.6328, 57.6208, 62.8861



54.6763, 57.6208, 63.0590

Triad

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



54.6328, 57.6208, 62.8861



54.8784, 57.6208, 62.9990



54.7896, 57.6208, 62.3340

Complementary

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



54.6328, 57.6208, 62.8861



54.5538, 57.2512, 62.2110

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.



54.8575, 57.6208, 62.4206



54.6328, 57.6208, 62.8861



54.9088, 57.6208, 62.8043

Square

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



54.6328, 57.6208, 62.8861



54.8181, 57.6208, 63.1242



54.9011, 57.6208, 62.5926



54.7156, 57.6208, 62.3558

Rectangle

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



54.6328, 57.6208, 62.8861



54.7199, 57.6208, 63.1287



54.9011, 57.6208, 62.5926



54.8138, 57.6208, 62.3514

Sweetspot

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



54.6344, 57.6233, 62.8874

95.0500, 100.0000, 108.9000



54.5223, 57.5789, 62.2739



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.



54.6344, 57.6233, 62.8874



94.1167, 99.5190, 108.8493



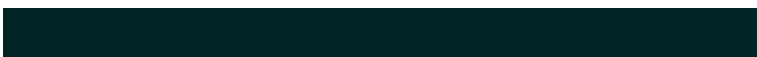
54.5227, 57.3991, 62.8520



11.8644, 12.5407, 13.7119



19.7134, 28.8977, 39.0311



0.9339, 1.3685, 1.8508

Inverse Universe

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



54.5538, 57.2512, 62.2110



93.8353, 98.2212, 106.4897



54.6652, 57.4746, 62.2462



11.8317, 12.3895, 13.4370



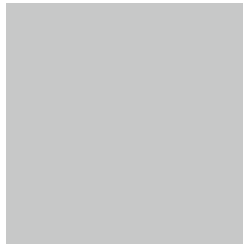
15.1482, 7.8088, 0.7243



0.7178, 0.3699, 0.0369

Previews

White Background



This preview shows how the XYZ color 54.6328, 57.6208, 62.8861 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 54.6328, 57.6208, 62.8861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

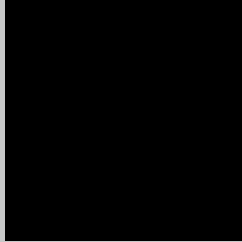
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

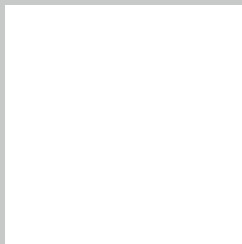
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6328, 57.6208, 62.8861

Background



This preview shows how black text looks on a background with the XYZ color 54.6328, 57.6208, 62.8861.

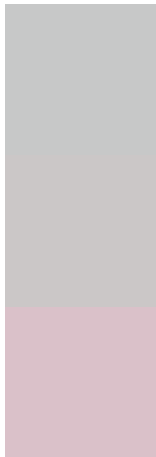


This preview shows how white text looks on a background with the XYZ color 54.6328, 57.6208,

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

54.6328, 57.6208, 62.8861

Protanopia

55.3608, 57.6669, 62.2458

Deuteranopia

58.5260, 57.2624, 63.2264



Tritanopia

56.4191, 57.6607, 71.7744

Trichromacy



Original Color

54.6328, 57.6208, 62.8861

Protanomaly

55.0893, 57.5269, 62.2331

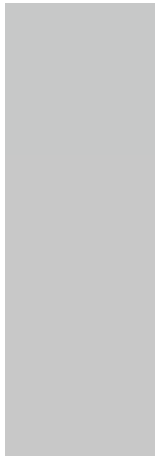
Deuteranomaly

57.1465, 57.5458, 63.3538

Tritanomaly

55.7515, 57.7297, 68.5261

Monochromacy



Original Color

54.6328, 57.6208, 62.8861

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 54.6328, 57.6208, 62.8861 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, 200, 200)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 54.6328, 57.6208, 62.8861 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, 200, 200) }
```

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

```
.border{ border-color:rgb(199, 200, 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, 200, 200)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 54.6328, 57.6208, 62.8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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