

Converting Colors

XYZ(56.3173, 58.5609, 62.3466)

Have a look what the booklet for
XYZ(56.3173, 58.5609, 62.3466)
contains.

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Color

**XYZ(56.4167, 58.5539,
62.3614)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8C7
RGB	206, 200, 199
RGB Percent	81%, 78%, 78%
CMY	0.1922, 0.2157, 0.2196
CMYK	0.00, 0.03, 0.03, 0.19
HSL	9°, 7%, 79%
HSV	9°, 3%, 81%
XYZ	56.4167, 58.5539, 62.3614
YIQ	201.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

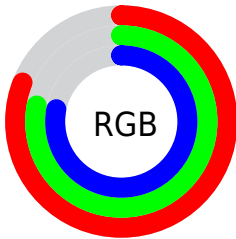
Format	Color
R_{YB}	206, 200, 199
Decimal	13551815
CIE Lab	81.05, 1.90, 1.23
CIE LCh	81, 2.265, 32.843
Yxy	58.5539, 0.3181, 0.3302
Android (android.graphics.Color)	4291741895 (0xFFCEC8C7)
YUV	201.6800, -1.3212, 3.7886
Hunter-Lab	76.5205, -2.3072, 5.2452

Details

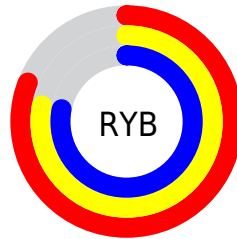
The XYZ color **56.4167, 58.5539, 62.3614** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5251, 60.2602, 67.0455**, and the grayscale version is **55.9473, 58.8609, 64.0996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3386, 29.2775, 30.9456** is the 20% darker color. If you saturate the color by 10%, you get **50.3316, 49.9553, 49.3206**, and if you desaturate by 10%, it is **63.3007, 68.2306, 77.2673**.

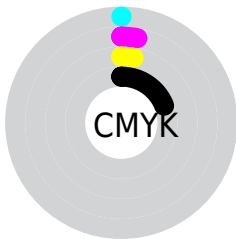
Distribution



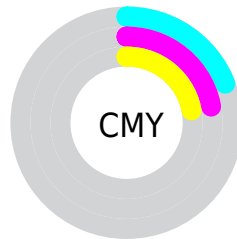
- Red (81%)
- Green (78%)
- Blue (78%)



- Red (81%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4167, 58.5539, 62.3614 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 56.4167, 58.5539, 62.3614 by changing the saturation by 10% instead.

■ 56.4167, 58.5539,
62.3614

■ 56.4167, 58.5539,
62.3614

401.3096,
419.2467, 451.2921

■ 40.7754, 42.2541,
44.8871

98.7499, 102.7290,
109.8243

■ 28.3305, 29.3003,
31.0262

126.1724,
131.3732, 140.6501

■ 18.7167, 19.3081,
20.3602

158.2529,
164.9009, 176.7634

■ 11.5685, 11.8931,
12.4705

195.3564,
203.6965, 218.5828

■ 6.5207, 6.6710,
6.9385

237.8485,
248.1445, 266.5268

■ 3.2079, 3.2572,
3.3458

286.0945,

■ 1.2646, 1.2674,

298.6293, 321.0140

1.2738

340.4598,
355.5353, 382.4629

■ 0.1565, 0.1158,
0.0402

■ 0.0000, 0.0000,
0.0000

■ 56.4167, 58.5539,
62.3614

■ 56.4167, 58.5539,
62.3614

■ 50.3316, 49.9553,
49.3206

■ 63.3007, 68.2306,
77.2673

■ 45.0115, 42.3900,
38.0678

■ 71.0060, 79.0130,
94.1039

■ 40.4275, 35.8214,
28.5261

■ 78.6120, 90.5581,
107.9439

■ 36.5468, 30.2078,
20.6113

■ 79.2640, 91.8620,
108.1612

■ 33.3342, 25.5044,
14.2325

■ 30.7515, 21.6630,
9.2893

■ 28.7562, 18.6308,
5.6699

■ 27.3009, 16.3492,
3.2454

■ 26.3298, 14.7512,
1.8609

Harmonies

Analogous

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



56.5615, 58.5539, 63.6269



56.4167, 58.5539, 62.3614



56.0674, 58.5539, 61.4793

Triad

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



56.4167, 58.5539, 62.3614



54.8532, 58.5539, 62.5808



55.6986, 58.5539, 66.3762

Complementary

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



56.4167, 58.5539, 62.3614



56.5251, 60.2602, 67.0455

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.



55.2421, 58.5539, 66.0867



56.4167, 58.5539, 62.3614



54.7557, 58.5539, 63.8837

Square

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



56.4167, 58.5539, 62.3614



55.1649, 58.5539, 61.6047



54.8977, 58.5539, 65.1697



56.1454, 58.5539, 65.9553

Rectangle

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



56.4167, 58.5539, 62.3614



55.7664, 58.5539, 61.2207



54.8977, 58.5539, 65.1697



55.5412, 58.5539, 66.3587

Sweetspot

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



56.4183, 58.5564, 62.3627



93.9492, 98.4510, 106.5211



56.9054, 58.3806, 66.0700



20.1206, 21.0889, 22.8250



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.



56.4183, 58.5564, 62.3627



90.7265, 93.9116, 99.5712



57.2217, 60.1630, 62.6304



11.9657, 12.3525, 13.0384



15.9953, 8.7235, 0.8408



0.8681, 0.5359, 0.0577

Inverse Universe

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



56.5251, 60.2602, 67.0455



90.9317, 97.1871, 108.5741



55.7136, 58.6372, 66.7750



11.9972, 12.8549, 14.4193



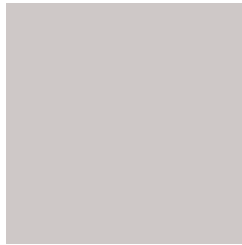
16.5311, 22.0863, 39.3481



0.8913, 1.2163, 2.0427

Previews

White Background



This preview shows how the XYZ color 56.4167, 58.5539, 62.3614 looks on a white background.

Color Contrast Check

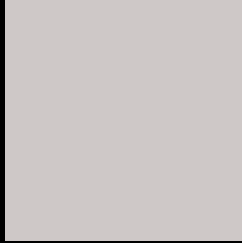
Large Text (above 18pt) WCAG AA × Fail

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 56.4167, 58.5539, 62.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

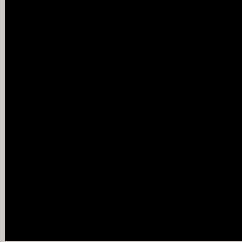
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

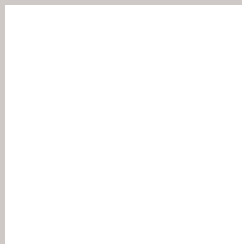
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4167, 58.5539, 62.3614

Background



This preview shows how black text looks on a background with the XYZ color 56.4167, 58.5539, 62.3614.

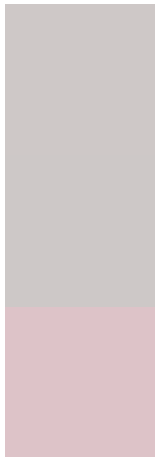


This preview shows how white text looks on a background with the XYZ color 56.4167, 58.5539,

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

56.4167, 58.5539, 62.3614

Protanopia

56.1399, 58.4112, 62.3484

Deuteranopia

59.7592, 58.5725, 62.7996



Tritanopia

58.2167, 58.6022, 71.1938

Trichromacy



Original Color

56.4167, 58.5539, 62.3614

Protanomaly

56.1399, 58.4112, 62.3484

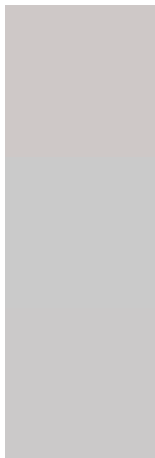
Deuteranomaly

58.7105, 58.7016, 62.8797

Tritanomaly

57.5407, 58.6663, 67.9655

Monochromacy



Original Color

56.4167, 58.5539, 62.3614

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0579, 58.6868, 63.6315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4167, 58.5539, 62.3614 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(206, 200, 199) looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.4167, 58.5539, 62.3614 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(206, 200, 199) }
```


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

```
.border{ border-color:rgb(206, 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(206, 200, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4167, 58.5539, 62.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 199) }
```

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

```
.background{ background-color: rgb(206,  
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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