

Converting Colors

XYZ(56.7697, 63.8276, 64.2353)

Have a look what the booklet for
XYZ(56.7697, 63.8276, 64.2353)
contains.

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Color

**XYZ(56.7200, 63.7326,
63.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D6C8
RGB	194, 214, 200
RGB Percent	76%, 84%, 78%
CMY	0.2392, 0.1608, 0.2157
CMYK	0.09, 0.00, 0.07, 0.16
HSL	138°, 20%, 80%
HSV	138°, 9%, 84%
XYZ	56.7200, 63.7326, 63.9557
YIQ	206.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

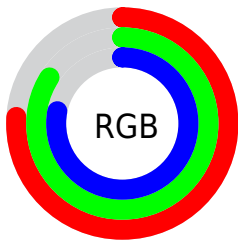
Format	Color
RYB	194, 209, 214
Decimal	12768968
CIELab	83.83, -9.33, 4.62
CIElCh	84, 10.411, 153.664
Yxy	63.7326, 0.3076, 0.3456
Android (android.graphics.Color)	4290959048 (0xFFC2D6C8)
YUV	206.4240, -3.1670, -10.8958
Hunter-Lab	79.8327, -12.8855, 8.3844

Details

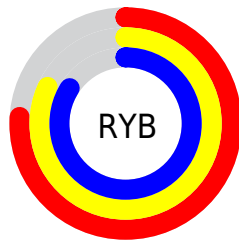
The XYZ color **56.7200, 63.7326, 63.9557** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4108, 57.4353, 67.6851**, and the grayscale version is **58.9625, 62.0331, 67.5541**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.4017, 32.4470, 31.9601** is the 20% darker color. If you saturate the color by 10%, you get **49.9523, 60.4380, 54.9431**, and if you desaturate by 10%, it is **64.4538, 67.5090, 73.9118**.

Distribution



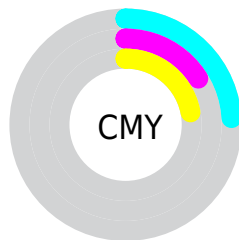
- Red (76%)
- Green (84%)
- Blue (78%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7200, 63.7326, 63.9557 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 56.7200, 63.7326, 63.9557 by changing the saturation by 10% instead.

■ 56.7200, 63.7326,
63.9557

■ 56.7200, 63.7326,
63.9557

402.4304,
438.2234, 457.2327

■ 41.0197, 46.4341,
46.1688

■ 99.1902, 110.2257,
112.1460

■ 28.5223, 32.5885,
32.0295

126.6909,
140.1892, 143.3865

■ 18.8622, 21.8114,
21.1190

158.8558,
175.1431, 179.9486

■ 11.6741, 13.7184,
13.0189

196.0502,
215.4719, 222.2509

■ 6.5928, 7.9251,
7.3107

238.6395,
261.5599, 270.7120

■ 3.2528, 4.0470,
3.5758

286.9891,

■ 1.2888, 1.6999,

313.7916, 325.7502

1.3956

341.4643,
372.5513, 387.7843

■ 0.1748, 0.4236,
0.1383

■ 0.0000, 0.0000,
0.0000

■ 56.7200, 63.7326,
63.9557

■ 56.7200, 63.7326,
63.9557

■ 49.9523, 60.4380,
54.9431

■ 64.4538, 67.5090,
73.9118

■ 44.1069, 57.5979,
46.8424

■ 73.1847, 71.7773,
84.8336

■ 39.1443, 55.1941,
39.6262

■ 81.7609, 75.9448,
96.6920

■ 35.0201, 53.2046,
33.2643

■ 83.3378, 76.5756,
104.9959

■ 31.6859, 51.6049,
27.7247

■ 29.0883, 50.3682,
22.9733

■ 27.1666, 49.4641,
18.9738

■ 25.8501, 48.8568,
15.6866

■ 25.0244, 48.4882,
13.0672

Harmonies

Analogous

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



58.1711, 63.7326, 59.4314



56.7200, 63.7326, 63.9557



56.2928, 63.7326, 70.2017

Triad

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



56.7200, 63.7326, 63.9557



60.8573, 63.7326, 82.7353



64.3099, 63.7326, 62.6448

Complementary

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



56.7200, 63.7326, 63.9557



58.4108, 57.4353, 67.6851

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.



65.0709, 63.7326, 68.5924



56.7200, 63.7326, 63.9557



63.0462, 63.7326, 80.4119

Square

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



56.7200, 63.7326, 63.9557



58.6460, 63.7326, 81.3029



64.6028, 63.7326, 75.1321



62.5477, 63.7326, 58.7087

Rectangle

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



56.7200, 63.7326, 63.9557



56.6371, 63.7326, 74.5721



64.6028, 63.7326, 75.1321



64.6933, 63.7326, 64.4612

Sweetspot

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



56.7218, 63.7353, 63.9571



91.4410, 98.2377, 104.2929



59.8929, 65.4495, 60.5160



19.3706, 20.9285, 22.0642



0.0000, 0.0000, 0.0000



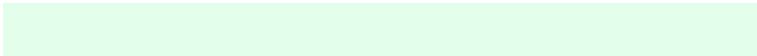
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7218, 63.7353, 63.9571



82.4708, 93.8620, 92.6436



57.8881, 64.2019, 70.0991



12.4142, 13.9567, 13.9956



15.1376, 29.3104, 8.0203



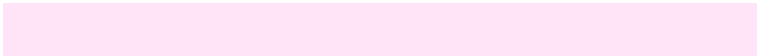
0.9493, 1.7824, 0.6749

Inverse Universe

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



58.4108, 57.4353, 67.6851



85.4201, 82.8607, 99.1529



57.2568, 56.9737, 61.6084



12.7870, 12.5663, 14.8183



20.1280, 9.9875, 18.5100



1.2498, 0.6167, 1.3048

Previews

White Background



This preview shows how the XYZ color 56.7200, 63.7326, 63.9557 looks on a white background.

Color Contrast Check

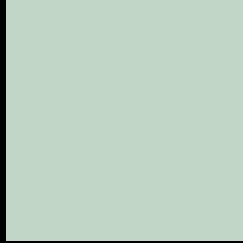
Large Text (above 18pt) WCAG AA × Fail

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 56.7200, 63.7326, 63.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

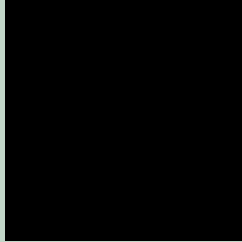
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

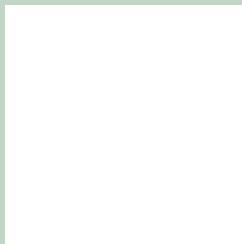
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7200, 63.7326, 63.9557

Background



This preview shows how black text looks on a background with the XYZ color 56.7200, 63.7326, 63.9557.

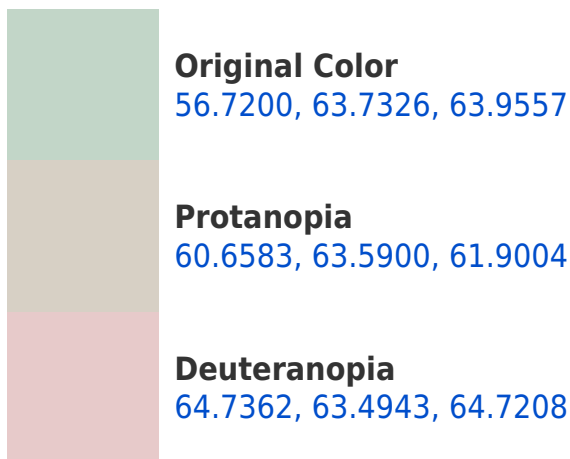


This preview shows how white text looks on a background with the XYZ color 56.7200, 63.7326,

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





Tritanopia

60.2004, 63.6450, 81.7849

Trichromacy



Original Color

56.7200, 63.7326, 63.9557

Protanomaly

58.9718, 63.4358, 62.5623

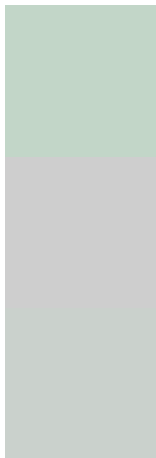
Deuteranomaly

61.5274, 63.2651, 64.2269

Tritanomaly

58.8446, 63.4686, 74.7949

Monochromacy



Original Color

56.7200, 63.7326, 63.9557

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0567, 62.5171, 66.1338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7200, 63.7326, 63.9557 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(194, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 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(194, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.7200, 63.7326, 63.9557 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(194, 214, 200) }
```


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

```
.border{ border-color:rgb(194, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7200, 63.7326, 63.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 200) }
```

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

```
.background{ background-color: rgb(194,  
214, 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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