

Converting Colors

XYZ(55.9652, 55.8546, 62.3296)

Have a look what the booklet for
XYZ(55.9652, 55.8546, 62.3296)
contains.

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Color

**XYZ(56.0736, 56.0117,
62.4995)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C1C8
RGB	210, 193, 200
RGB Percent	82%, 76%, 78%
CMY	0.1765, 0.2431, 0.2157
CMYK	0.00, 0.08, 0.05, 0.18
HSL	335°, 16%, 79%
HSV	335°, 8%, 82%
XYZ	56.0736, 56.0117, 62.4995
YIQ	198.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

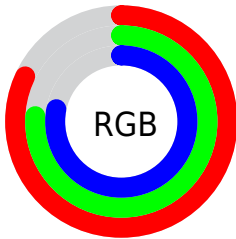
Format	Color
R _Y B	210, 193, 200
Decimal	13812168
CIE Lab	79.62, 7.19, -1.35
CIE LCh	80, 7.319, 349.358
Yxy	56.0117, 0.3212, 0.3208
Android (android.graphics.Color)	4292002248 (0xFFD2C1C8)
YUV	198.8810, 0.5517, 9.7514
Hunter-Lab	74.8410, 2.7671, 2.8757

Details

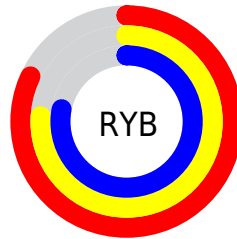
The XYZ color **56.0736, 56.0117, 62.4995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8205, 61.7438, 65.4786**, and the grayscale version is **54.2080, 57.0311, 62.1068**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.9385, 27.5091, 31.0314** is the 20% darker color. If you saturate the color by 10%, you get **50.3710, 46.8243, 53.7601**, and if you desaturate by 10%, it is **62.5553, 66.5690, 72.0757**.

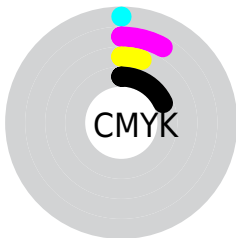
Distribution



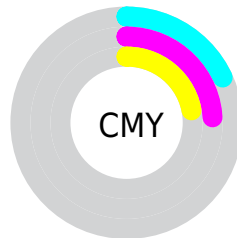
- Red (82%)
- Green (76%)
- Blue (78%)



- Red (82%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0736, 56.0117, 62.4995 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 56.0736, 56.0117, 62.4995 by changing the saturation by 10% instead.

■ 56.0736, 56.0117,
62.4995

■ 56.0736, 56.0117,
62.4995

400.0393,
409.7356, 451.8086

■ 40.4992, 40.2123,
44.9980

■ 98.2514, 99.0217,
110.0257

■ 28.1139, 27.7041,
31.1129

125.5854,
127.0011, 140.8875

■ 18.5524, 18.1027,
20.4257

157.5700,
159.8092, 177.0399

■ 11.4494, 11.0238,
12.5177

194.5706,
197.8306, 218.9013

■ 6.4395, 6.0828,
6.9705

236.9525,
241.4495, 266.8904

■ 3.1573, 2.8955,
3.3655

285.0810,

■ 1.2375, 1.0774,

291.0504, 321.4256

1.2841

339.3215,
347.0176, 382.9255

■ 0.1357, 0.0000,
0.0487

■ 0.0000, 0.0000,
0.0000

■ 56.0736, 56.0117,
62.4995

■ 56.0736, 56.0117,
62.4995

■ 50.3710, 46.8243,
53.7601

■ 62.5553, 66.5690,
72.0757

■ 45.4124, 38.9431,
45.8303

■ 69.8399, 78.5420,
82.5079

■ 41.1669, 32.3103,
38.6864

■ 77.6346, 91.3402,
93.7116

■ 37.5995, 26.8608,
32.3021

■ 79.5037, 92.0878,
103.5538

■ 34.6724, 22.5234,
26.6496

■ 80.3886, 92.4418,
108.2139

■ 32.3434, 19.2196,
21.6990

■ 30.5654, 16.8599,
17.4177

■ 29.2830, 15.3399,
13.7697

■ 28.4169, 14.5066,
10.7098

Harmonies

Analogous

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



55.4185, 56.0117, 66.4319



56.0736, 56.0117, 62.4995



55.9582, 56.0117, 58.3344

Triad

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



56.0736, 56.0117, 62.4995



52.3029, 56.0117, 53.6407



51.4115, 56.0117, 67.3602

Complementary

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



56.0736, 56.0117, 62.4995



55.8205, 61.7438, 65.4786

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.



50.6063, 56.0117, 63.7192



56.0736, 56.0117, 62.4995



51.1144, 56.0117, 55.8485

Square

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



56.0736, 56.0117, 62.4995



53.7629, 56.0117, 53.3480



50.4986, 56.0117, 59.4995



52.7154, 56.0117, 69.3230

Rectangle

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



56.0736, 56.0117, 62.4995



55.4605, 56.0117, 55.9801



50.4986, 56.0117, 59.4995



51.0746, 56.0117, 66.2843

Sweetspot

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



56.0752, 56.0141, 62.5007



92.9651, 96.5973, 105.8403



55.3107, 55.4805, 68.7671



19.9202, 20.7114, 22.6864



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.



56.0752, 56.0141, 62.5007



85.1256, 83.8668, 94.1369



55.5905, 56.3237, 58.3967



12.0076, 11.8878, 13.3159



17.2953, 8.7909, 6.4610



1.0061, 0.5071, 0.5668

Inverse Universe

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



56.0752, 56.0141, 62.5007



85.1256, 83.8668, 94.1369



56.3253, 61.3887, 69.8540



12.0076, 11.8878, 13.3159



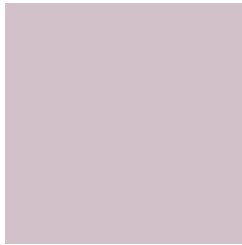
17.2953, 8.7909, 6.4610



1.0061, 0.5071, 0.5668

Previews

White Background



This preview shows how the XYZ color 56.0736, 56.0117, 62.4995 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 56.0736, 56.0117, 62.4995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

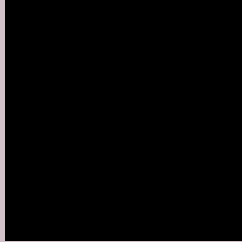
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0736, 56.0117, 62.4995

Background



This preview shows how black text looks on a background with the XYZ color 56.0736, 56.0117, 62.4995.



This preview shows how white text looks on a background with the XYZ color 56.0736, 56.0117,

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

56.0736, 56.0117, 62.4995

Protanopia

53.9538, 55.8862, 63.8206

Deuteranopia

57.0805, 55.8788, 62.4208



Tritanopia

56.9761, 56.0532, 66.8479

Trichromacy



Original Color

56.0736, 56.0117, 62.4995

Protanomaly

54.6863, 55.9438, 63.1743

Deuteranomaly

56.7155, 56.0155, 62.4664

Tritanomaly

56.6127, 55.9078, 64.9342

Monochromacy



Original Color

56.0736, 56.0117, 62.4995

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9037, 56.7525, 62.0934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0736, 56.0117, 62.4995 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(210, 193, 200)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 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(210, 193, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.0736, 56.0117, 62.4995 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(210, 193, 200) }
```


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

```
.border{ border-color:rgb(210, 193, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 200);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0736, 56.0117, 62.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 200) }
```

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

```
.background{ background-color: rgb(210,  
193, 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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