

Converting Colors

XYZ(56.1977, 55.1119, 61.8770)

Have a look what the booklet for
XYZ(56.1977, 55.1119, 61.8770)
contains.

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Color

**XYZ(56.1628, 55.0966,
61.7074)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BEC7
RGB	213, 190, 199
RGB Percent	84%, 75%, 78%
CMY	0.1647, 0.2549, 0.2196
CMYK	0.00, 0.11, 0.07, 0.16
HSL	337°, 21%, 79%
HSV	337°, 11%, 84%
XYZ	56.1628, 55.0966, 61.7074
YIQ	197.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

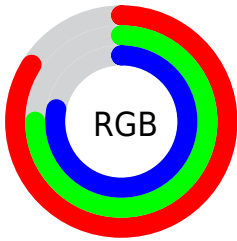
Format	Color
R _Y B	213, 190, 199
Decimal	14008007
CIE Lab	79.10, 9.67, -1.55
CIE LCh	79, 9.795, 350.900
Yxy	55.0966, 0.3247, 0.3185
Android (android.graphics.Color)	4292198087 (0xFFD5BEC7)
YUV	197.9030, 0.5408, 13.2401
Hunter-Lab	74.2271, 5.1619, 2.6692

Details

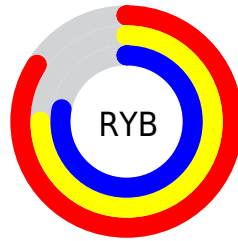
The XYZ color **56.1628, 55.0966, 61.7074** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9307, 62.8966, 66.3222**, and the grayscale version is **53.6111, 56.4031, 61.4230**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **28.1570, 27.2048, 30.5551** is the 20% darker color. If you saturate the color by 10%, you get **50.4405, 45.9592, 52.6858**, and if you desaturate by 10%, it is **62.6907, 65.6385, 71.6320**.

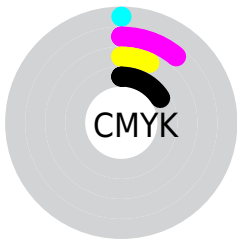
Distribution



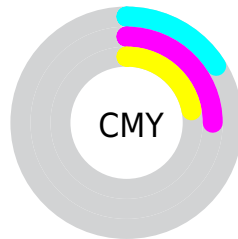
- Red (84%)
- Green (75%)
- Blue (78%)



- Red (84%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1628, 55.0966, 61.7074 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 56.1628, 55.0966, 61.7074 by changing the saturation by 10% instead.


 56.1628, 55.0966,
61.7074

 56.1628, 55.0966,
61.7074


400.3698,
406.2780, 448.8411

 40.5710, 39.4791,
44.3621


 98.3810, 97.6825,
108.8700

 28.1702, 27.1326,
30.6160


125.7381,
125.4196, 139.5244

 18.5951, 17.6728,
20.0506


157.7476,
157.9654, 175.4521

 11.4803, 10.7154,
12.2474

194.7750,
195.7042, 217.0719

 6.4606, 5.8758,
6.7878

237.1856,
239.0205, 264.8021

 3.1704, 2.7697,
3.2533

285.3446,

 1.2445, 1.0127,

288.2986, 319.0613

1.2254

339.6176,
343.9230, 380.2682

■ 0.1411, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1628, 55.0966,
61.7074

■ 56.1628, 55.0966,
61.7074

■ 50.4405, 45.9592,
52.6858

■ 62.6907, 65.6385,
71.6320

■ 45.4869, 38.1596,
44.5370

■ 70.0500, 77.6337,
82.4812

■ 41.2690, 31.6364,
37.2345

■ 78.2711, 91.1373,
94.2805

■ 37.7494, 26.3204,
30.7487

■ 80.5931, 92.6232,
104.7904

■ 34.8874, 22.1361,
25.0483

■ 81.2508, 92.8863,
108.2542

■ 32.6379, 18.9991,
20.0995

■ 30.9495, 16.8132,
15.8655

■ 29.7616, 15.4637,
12.3052

■ 29.0148, 14.7759,
9.5727

Harmonies

Analogous

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



55.3355, 55.0966, 67.0304



56.1628, 55.0966, 61.7074



55.9538, 55.0966, 56.2364

Triad

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



56.1628, 55.0966, 61.7074



51.0398, 55.0966, 50.4966



50.0355, 55.0966, 68.7276

Complementary

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



56.1628, 55.0966, 61.7074



55.9307, 62.8966, 66.3222

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.



48.9382, 55.0966, 63.9088



56.1628, 55.0966, 61.7074



49.5079, 55.0966, 53.4622

Square

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



56.1628, 55.0966, 61.7074



52.9637, 55.0966, 49.9883



48.7475, 55.0966, 58.3064



51.7762, 55.0966, 71.2459

Rectangle

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



56.1628, 55.0966, 61.7074



55.2569, 55.0966, 53.2229



48.7475, 55.0966, 58.3064



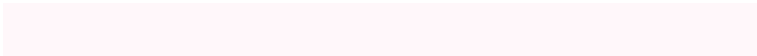
49.5810, 55.0966, 67.3095

Sweetspot

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



56.1644, 55.0990, 61.7086



91.9170, 94.9195, 104.2012



55.2727, 54.4428, 70.5467



19.4989, 20.0333, 22.0392



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.



56.1644, 55.0990, 61.7086



82.2906, 79.4106, 89.4504



55.6523, 55.6975, 56.5357



12.6224, 12.5005, 13.9518



17.7702, 9.0444, 6.0938



1.1119, 0.5615, 0.5784

Inverse Universe

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



56.1644, 55.0990, 61.7086



82.2906, 79.4106, 89.4504



56.4670, 62.1922, 71.9796



12.6224, 12.5005, 13.9518



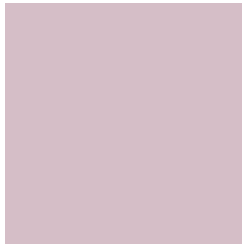
17.7702, 9.0444, 6.0938



1.1119, 0.5615, 0.5784

Previews

White Background



This preview shows how the XYZ color 56.1628, 55.0966, 61.7074 looks on a white background.

Color Contrast Check

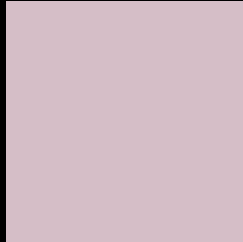
Large Text (above 18pt) WCAG AA × Fail

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 56.1628, 55.0966, 61.7074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

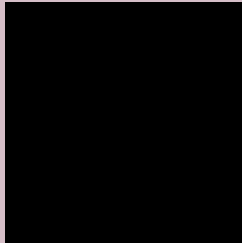
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1628, 55.0966, 61.7074

Background



This preview shows how black text looks on a background with the XYZ color 56.1628, 55.0966, 61.7074.



This preview shows how white text looks on a background with the XYZ color 56.1628, 55.0966,

61.7074.

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

56.1628, 55.0966, 61.7074

Protanopia

53.4645, 55.3002, 63.7332

Deuteranopia

56.1628, 55.0966, 61.7074



Tritanopia

56.8282, 55.0510, 64.7575

Trichromacy



Original Color

56.1628, 55.0966, 61.7074

Protanomaly

54.2412, 55.0535, 63.0259

Deuteranomaly

56.1628, 55.0966, 61.7074

Tritanomaly

56.5898, 54.9556, 63.5020

Monochromacy



Original Color

56.1628, 55.0966, 61.7074

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3368, 55.8039, 61.3335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1628, 55.0966, 61.7074 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(213, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 190, 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(213, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 190, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.1628, 55.0966, 61.7074 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(213, 190, 199) }
```


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

```
.border{ border-color:rgb(213, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 190,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1628, 55.0966, 61.7074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 190, 199) }
```

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

```
.background{ background-color: rgb(213,  
190, 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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