

Converting Colors

XYZ(56.6505, 61.5025, 75.0988)

Have a look what the booklet for
XYZ(56.6505, 61.5025, 75.0988)
contains.

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Color

**XYZ(56.6906, 61.6100,
75.2337)**

Conversions

Conversions Part 1

Format	Color
Hex	BED1DA
RGB	190, 209, 218
RGB Percent	75%, 82%, 85%
CMY	0.2549, 0.1804, 0.1451
CMYK	0.13, 0.04, 0.00, 0.15
HSL	199°, 27%, 80%
HSV	199°, 13%, 85%
XYZ	56.6906, 61.6100, 75.2337
YIQ	204.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

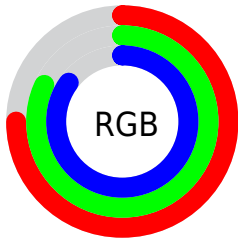
Format	Color
R _Y B	190, 201, 218
Decimal	12505562
CIE Lab	82.71, -4.57, -6.63
CIE LCh	83, 8.055, 235.410
Yxy	61.6100, 0.2929, 0.3183
Android (android.graphics.Color)	4290695642 (0xFFBED1DA)
YUV	204.3450, 6.7319, -12.5806
Hunter-Lab	78.4920, -8.4401, -1.8843

Details

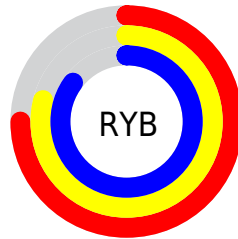
The XYZ color **56.6906, 61.6100, 75.2337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6317, 59.4700, 57.1051**, and the grayscale version is **57.5794, 60.5780, 65.9694**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.4855, 31.3213, 39.1946** is the 20% darker color. If you saturate the color by 10%, you get **49.9670, 55.6498, 74.4386**, and if you desaturate by 10%, it is **64.3078, 68.1463, 76.0948**.

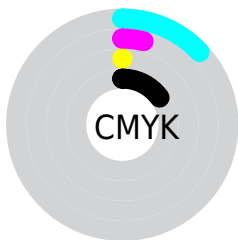
Distribution



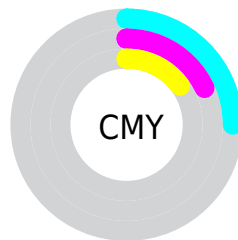
- Red (75%)
- Green (82%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6906, 61.6100, 75.2337 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 56.6906, 61.6100, 75.2337 by changing the saturation by 10% instead.

■ 56.6906, 61.6100,
75.2337

■ 56.6906, 61.6100,
75.2337

402.3219,
430.5071, 497.9973

■ 40.9961, 44.7176,
55.3015

■ 99.1476, 107.1617,
128.3933

■ 28.5037, 31.2351,
39.2429

126.6407,
136.5898, 162.4577

■ 18.8481, 20.7779,
26.6395

158.7974,
170.9653, 202.0699

■ 11.6639, 12.9618,
17.0726

195.9830,
210.6725, 247.6485

■ 6.5858, 7.4022,
10.1238

238.5629,
256.0959, 299.6120

■ 3.2485, 3.7149,
5.3744

286.9025,

■ 1.2865, 1.5154,

307.6199, 358.3789

2.4060

341.3670,
365.6288, 424.3678

■ 0.1731, 0.2995,
0.7897

■ 0.0000, 0.0000,
0.0000

■ 56.6906, 61.6100,
75.2337

■ 56.6906, 61.6100,
75.2337

■ 49.9670, 55.6498,
74.4386

■ 64.3078, 68.1463,
76.0948

■ 44.0945, 50.2376,
73.7035

■ 72.8480, 75.2704,
77.0198

■ 39.0354, 45.3539,
73.0275

■ 82.1974, 82.9266,
78.0048

■ 34.7465, 40.9751,
72.4083

■ 84.1864, 86.9048,
78.6679

■ 31.1805, 37.0754,
71.8435

■ 86.2548, 91.0414,
79.3573

■ 28.2846, 33.6259,
71.3304

■ 88.4032, 95.3383,
80.0734

■ 25.9979, 30.5936,
70.8656

■ 89.6551, 97.8420,
80.4907

■ 24.2473, 27.9393,
70.4455

■ 23.2372, 26.2263,
70.1681

Harmonies

Analogous

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



55.6054, 61.6100, 71.2536



56.6906, 61.6100, 75.2337



58.2927, 61.6100, 77.0323

Triad

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



56.6906, 61.6100, 75.2337



61.9366, 61.6100, 67.8479



57.1429, 61.6100, 58.8418

Complementary

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



56.6906, 61.6100, 75.2337



58.6317, 59.4700, 57.1051

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.



58.8250, 61.6100, 58.0292



56.6906, 61.6100, 75.2337



61.6142, 61.6100, 63.0781

Square

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



56.6906, 61.6100, 75.2337



61.3393, 61.6100, 72.6367



60.4669, 61.6100, 59.5430



55.8629, 61.6100, 61.8195

Rectangle

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



56.6906, 61.6100, 75.2337



59.4467, 61.6100, 76.6908



60.4669, 61.6100, 59.5430



57.6791, 61.6100, 58.3128

Sweetspot

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



56.6924, 61.6126, 75.2351



90.3597, 96.0431, 108.3834



56.6011, 65.2084, 63.5562



19.1570, 20.4012, 23.1781



0.0000, 0.0000, 0.0000



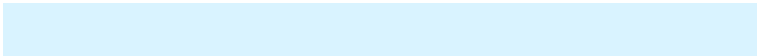
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6924, 61.6126, 75.2351



78.5546, 85.8606, 107.0402



53.4363, 55.1004, 74.1497



13.0738, 14.0873, 16.6822



14.0225, 15.9145, 42.0711



0.9851, 1.1843, 2.7511

Inverse Universe

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



58.8370, 56.3372, 68.0976



82.1222, 77.2104, 95.1386



61.9695, 66.1457, 58.2178



13.4271, 13.1999, 15.5104



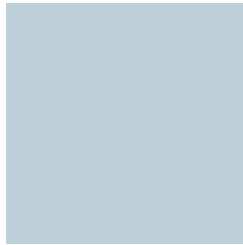
20.5733, 10.2303, 17.9306



1.3715, 0.6782, 1.3654

Previews

White Background



This preview shows how the XYZ color 56.6906, 61.6100, 75.2337 looks on a white background.

Color Contrast Check

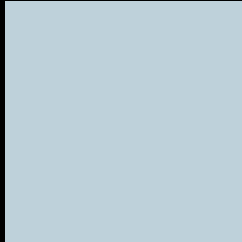
Large Text (above 18pt) WCAG AA × Fail

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 56.6906, 61.6100, 75.2337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

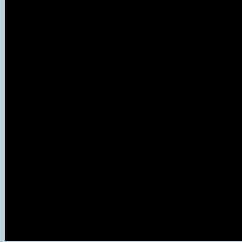
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

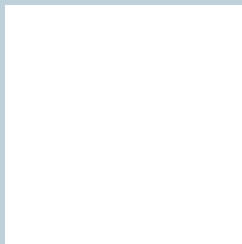
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6906, 61.6100, 75.2337

Background



This preview shows how black text looks on a background with the XYZ color 56.6906, 61.6100, 75.2337.



This preview shows how white text looks on a background with the XYZ color 56.6906, 61.6100,

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

56.6906, 61.6100, 75.2337

Protanopia

59.3122, 61.2138, 72.9793

Deuteranopia

62.7860, 61.5359, 76.2786



Tritanopia

57.6323, 61.6244, 80.0913

Trichromacy



Original Color

56.6906, 61.6100, 75.2337

Protanomaly

58.2854, 61.3798, 73.7413

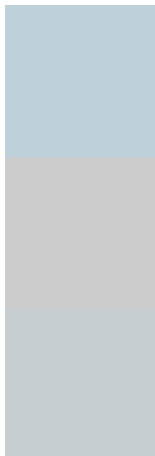
Deuteranomaly

60.1545, 61.2362, 75.6671

Tritanomaly

57.2265, 61.4620, 77.9544

Monochromacy



Original Color

56.6906, 61.6100, 75.2337

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1331, 60.8882, 69.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6906, 61.6100, 75.2337 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(190, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 209, 218)  
}
```

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(190, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 209, 218) }
```

Border

The CSS property to change the border of an element to XYZ 56.6906, 61.6100, 75.2337 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(190, 209, 218) }
```


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

```
.border{ border-color:rgb(190, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 209,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6906, 61.6100, 75.2337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 209, 218) }
```

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

```
.background{ background-color: rgb(190,  
209, 218) }
```

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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