

Converting Colors

XYZ(56.4367, 61.9779, 75.3188)

Have a look what the booklet for
XYZ(56.4367, 61.9779, 75.3188)
contains.

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Color

**XYZ(56.4405, 61.8465,
75.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD2DA
RGB	188, 210, 218
RGB Percent	74%, 82%, 85%
CMY	0.2627, 0.1765, 0.1451
CMYK	0.14, 0.04, 0.00, 0.15
HSL	196°, 29%, 80%
HSV	196°, 14%, 85%
XYZ	56.4405, 61.8465, 75.2925
YIQ	204.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

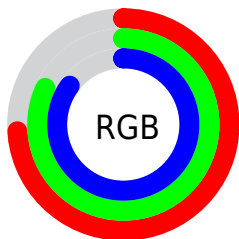
Format	Color
R _Y B	188, 201, 218
Decimal	12374746
CIE Lab	82.83, -5.74, -6.46
CIE LCh	83, 8.639, 228.394
Yxy	61.8465, 0.2916, 0.3195
Android (android.graphics.Color)	4290564826 (0xFFBCD2DA)
YUV	204.3340, 6.7373, -14.3249
Hunter-Lab	78.6425, -9.5179, -1.7146

Details

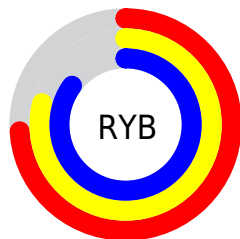
The XYZ color **56.4405, 61.8465, 75.2925** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7308, 58.0159, 55.7335**, and the grayscale version is **57.5730, 60.5713, 65.9621**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.3308, 31.4896, 39.2352** is the 20% darker color. If you saturate the color by 10%, you get **50.0621, 56.4685, 74.5916**, and if you desaturate by 10%, it is **63.6858, 67.7520, 76.0515**.

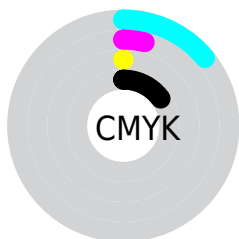
Distribution



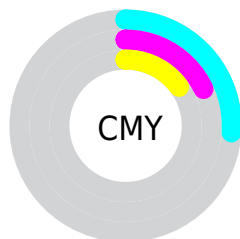
- Red (74%)
- Green (82%)
- Blue (85%)



- Red (74%)
- Yellow (79%)
- Blue (85%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4405, 61.8465, 75.2925 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 56.4405, 61.8465, 75.2925 by changing the saturation by 10% instead.

■ 56.4405, 61.8465,
75.2925

■ 56.4405, 61.8465,
75.2925

401.3976,
431.3710, 498.2045

■ 40.7946, 44.9087,
55.3494

■ 98.7844, 107.5037,
128.4772

■ 28.3456, 31.3855,
39.2810

126.2131,
136.9918, 162.5559

■ 18.7281, 20.8926,
26.6689

158.3002,
171.4321, 202.1835

■ 11.5768, 13.0455,
17.0945

195.4109,
211.2091, 247.7786

■ 6.5264, 7.4599,
10.1392

237.9107,
256.7070, 299.7597

■ 3.2114, 3.7513,
5.3845

286.1648,

■ 1.2665, 1.5355,

308.3104, 358.5454

2.4120

340.5387,
366.4036, 424.5541

■ 0.1579, 0.3135,
0.7929

■ 0.0000, 0.0000,
0.0000

■ 56.4405, 61.8465,
75.2925

■ 56.4405, 61.8465,
75.2925

■ 50.0621, 56.4685,
74.5916

■ 63.6858, 67.7520,
76.0515

■ 44.5085, 51.5906,
73.9428

■ 71.8271, 74.1959,
76.8662

■ 39.7418, 47.1941,
73.3454

■ 80.8988, 81.1984,
77.7397

■ 35.7191, 43.2561,
72.7973

■ 83.1046, 84.7412,
78.3072

■ 32.3930, 39.7512,
72.2961

■ 84.7793, 88.0905,
78.8655

■ 29.7106, 36.6512,
71.8391

■ 86.5087, 91.5493,
79.4419

■ 27.6106, 33.9238,
71.4234

■ 88.2933, 95.1185,
80.0368

■ 26.0189, 31.5298,
71.0452

■ 89.6551, 97.8420,
80.4907

■ 25.2067, 30.1653,
70.8246

Harmonies

Analogous

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



55.4547, 61.8465, 70.6242



56.4405, 61.8465, 75.2925



58.0667, 61.8465, 77.8793

Triad

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



56.4405, 61.8465, 75.2925



62.3563, 61.8465, 69.4218



57.6620, 61.8465, 58.0818

Complementary

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



56.4405, 61.8465, 75.2925



57.7308, 58.0159, 55.7335

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.



59.5056, 61.8465, 57.7978



56.4405, 61.8465, 75.2925



62.2424, 61.8465, 64.1599

Square

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



56.4405, 61.8465, 75.2925



61.4980, 61.8465, 74.3724



61.1899, 61.8465, 59.9688



56.1496, 61.8465, 60.7661

Rectangle

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



56.4405, 61.8465, 75.2925



59.3069, 61.8465, 77.9891



61.1899, 61.8465, 59.9688



58.2627, 61.8465, 57.7078

Sweetspot

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



56.4423, 61.8491, 75.2939



90.5352, 96.3940, 108.4419



55.7185, 64.7980, 61.4983



19.2015, 20.4901, 23.1929



0.0000, 0.0000, 0.0000



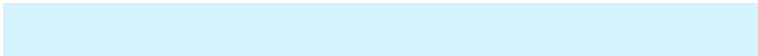
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4423, 61.8491, 75.2939



77.2843, 85.5325, 107.0439



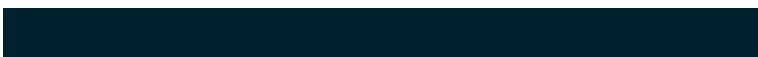
53.0223, 55.0091, 74.1539



13.1360, 14.2117, 16.7029



15.1939, 18.2572, 42.4616



1.0537, 1.3214, 2.7740

Inverse Universe

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



58.5309, 55.5263, 68.6085



80.9409, 74.6701, 95.2930



61.1618, 64.8778, 56.8771



13.4585, 13.2125, 15.6757



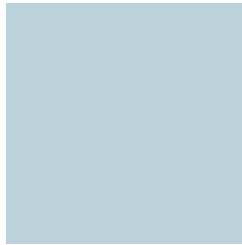
21.1645, 10.4668, 21.0441



1.4061, 0.6921, 1.5476

Previews

White Background



This preview shows how the XYZ color 56.4405, 61.8465, 75.2925 looks on a white background.

Color Contrast Check

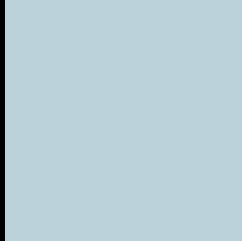
Large Text (above 18pt) WCAG AA × Fail

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 56.4405, 61.8465, 75.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

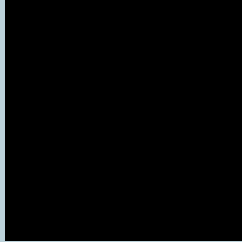
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

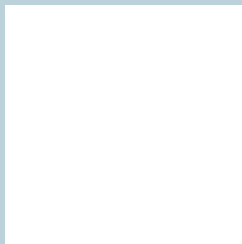
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4405, 61.8465, 75.2925

Background



This preview shows how black text looks on a background with the XYZ color 56.4405, 61.8465, 75.2925.



This preview shows how white text looks on a background with the XYZ color 56.4405, 61.8465,

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

56.4405, 61.8465, 75.2925

Protanopia

59.8292, 61.8343, 73.0719

Deuteranopia

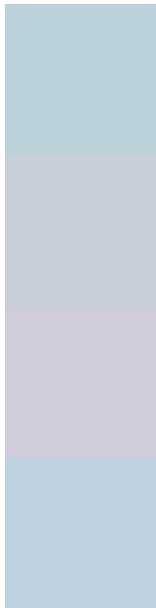
62.7860, 61.5359, 76.2786



Tritanopia

57.3773, 61.8560, 80.1495

Trichromacy



Original Color

56.4405, 61.8465, 75.2925

Protanomaly

58.5269, 61.8629, 73.8218

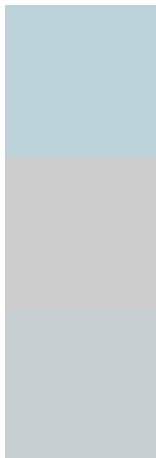
Deuteranomaly

60.3915, 61.7101, 75.7461

Tritanomaly

56.9715, 61.6937, 78.0126

Monochromacy



Original Color

56.4405, 61.8465, 75.2925

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.8686, 60.7518, 69.0506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4405, 61.8465, 75.2925 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(188, 210, 218)` looks like.

```
.text, #text, p{  
    color:rgb(188, 210, 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(188, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 218) }
```

Border

The CSS property to change the border of an element to XYZ 56.4405, 61.8465, 75.2925 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(188, 210, 218) }
```


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

```
.border{ border-color:rgb(188, 210, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 210, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(188, 210,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4405, 61.8465, 75.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 218) }
```

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

```
.background{ background-color: rgb(188,  
210, 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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