

Converting Colors

XYZ(57.5600, 61.1449, 82.2131)

Have a look what the booklet for
XYZ(57.5600, 61.1449, 82.2131)
contains.

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Color

**XYZ(57.5516, 61.1742,
82.1733)**

Conversions

Conversions Part 1

Format	Color
Hex	BECFE4
RGB	190, 207, 228
RGB Percent	75%, 81%, 89%
CMY	0.2549, 0.1882, 0.1059
CMYK	0.17, 0.09, 0.00, 0.11
HSL	213°, 41%, 82%
HSV	213°, 17%, 89%
XYZ	57.5516, 61.1742, 82.1733
YIQ	204.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

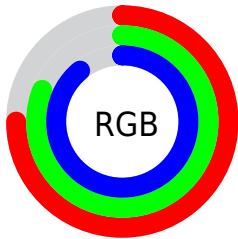
Format	Color
R_{YB}	190, 202, 228
Decimal	12505060
CIE _{Lab}	82.47, -1.45, -12.31
CIE _{LCh}	82, 12.395, 263.296
Yxy	61.1742, 0.2865, 0.3045
Android (android.graphics.Color)	4290695140 (0xFFBECFE4)
YUV	204.3110, 11.6787, -12.5507
Hunter-Lab	78.2139, -5.5300, -7.5416

Details

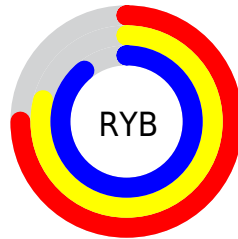
The XYZ color **57.5516, 61.1742, 82.1733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5839, 66.8001, 58.2063**, and the grayscale version is **57.5287, 60.5247, 65.9114**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **29.0874, 31.0338, 43.9922** is the 20% darker color. If you saturate the color by 10%, you get **49.3651, 52.6035, 80.9514**, and if you desaturate by 10%, it is **66.8762, 70.6963, 83.5208**.

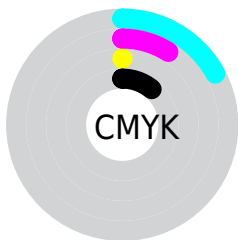
Distribution



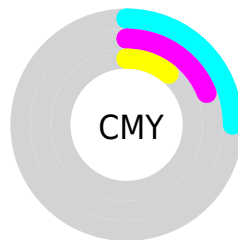
- Red (75%)
- Green (81%)
- Blue (89%)



- Red (75%)
- Yellow (79%)
- Blue (89%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5516, 61.1742, 82.1733 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 57.5516, 61.1742, 82.1733 by changing the saturation by 10% instead.

■ 57.5516, 61.1742,
82.1733

■ 57.5516, 61.1742,
82.1733

405.4939,
428.9124, 522.1258

■ 41.6901, 44.3658,
60.9717

■ 100.3963,
106.5311, 138.2559

■ 29.0488, 30.9582,
43.7720

128.1103,
135.8484, 173.9740

■ 19.2622, 20.5670,
30.1554

160.5058,
170.1041, 215.3680

■ 11.9650, 12.8079,
19.7035

197.9482,
209.6826, 262.8564

■ 6.7919, 7.2964,
11.9978

240.8028,
254.9683, 316.8579

■ 3.3775, 3.6481,
6.6196

289.4351,

■ 1.3564, 1.4787,

306.3455, 377.7910

3.1506

344.2103,
364.1988, 446.0741

■ 0.2248, 0.2737,
1.1720

■ 0.0000, 0.0000,
0.0000

■ 57.5516, 61.1742,
82.1733

■ 57.5516, 61.1742,
82.1733

■ 49.3651, 52.6035,
80.9514

■ 66.8762, 70.6963,
83.5208

■ 42.2642, 44.9441,
79.8473

■ 77.3774, 81.1931,
84.9934

■ 36.2004, 38.1637,
78.8582

■ 87.8357, 92.0454,
86.5369

■ 31.1188, 32.2252,
77.9797

■ 91.0038, 98.3815,
87.5929

■ 26.9594, 27.0881,
77.2074

■ 23.6545, 22.7077,
76.5361

■ 21.1258, 19.0332,
75.9601

■ 19.2752, 16.0032,
75.4728

■ 18.7567, 15.1074,
75.3272

Harmonies

Analogous

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



55.1525, 61.1742, 79.0026



57.5516, 61.1742, 82.1733



60.1822, 61.1742, 80.9263

Triad

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



57.5516, 61.1742, 82.1733



62.9495, 61.1742, 61.0037



54.1551, 61.1742, 58.2638

Complementary

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



57.5516, 61.1742, 82.1733



64.5839, 66.8001, 58.2063

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.



56.1528, 61.1742, 54.0873



57.5516, 61.1742, 82.1733



61.2423, 61.1742, 55.5832

Square

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



57.5516, 61.1742, 82.1733



63.3515, 61.1742, 68.3259



58.7409, 61.1742, 53.1445



53.2304, 61.1742, 64.9197

Rectangle

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



57.5516, 61.1742, 82.1733



61.7080, 61.1742, 77.8005



58.7409, 61.1742, 53.1445



54.7204, 61.1742, 56.5445

Sweetspot

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



57.5534, 61.1767, 82.1747



88.3073, 93.2485, 107.9522



60.7251, 71.1332, 72.0930



18.7052, 19.7614, 23.0784



0.0000, 0.0000, 0.0000



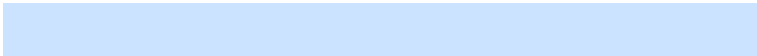
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5534, 61.1767, 82.1747



70.3715, 74.8967, 105.3553



54.1312, 53.6231, 80.8970



14.1111, 14.9436, 18.2850



10.9451, 8.9524, 43.5343



0.9004, 0.8447, 3.2475

Inverse Universe

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



61.6723, 57.8273, 66.9456



76.6730, 69.9818, 82.0090



68.4341, 75.3905, 59.6614



14.6437, 14.4747, 16.3239



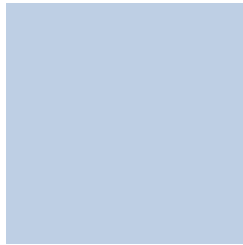
19.9181, 10.1015, 8.4637



1.5181, 0.7649, 0.8688

Previews

White Background



This preview shows how the XYZ color 57.5516, 61.1742, 82.1733 looks on a white background.

Color Contrast Check

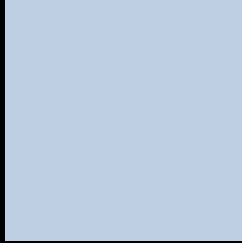
Large Text (above 18pt) WCAG AA × Fail

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 57.5516, 61.1742, 82.1733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

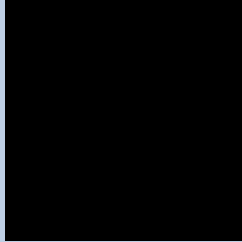
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

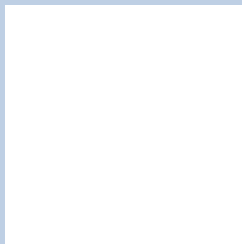
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5516, 61.1742, 82.1733

Background



This preview shows how black text looks on a background with the XYZ color 57.5516, 61.1742, 82.1733.



This preview shows how white text looks on a background with the XYZ color 57.5516, 61.1742,

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

57.5516, 61.1742, 82.1733

Protanopia

59.6775, 61.2333, 80.6254

Deuteranopia

62.3778, 61.1679, 83.3818



Tritanopia

56.9967, 61.3124, 79.3514

Trichromacy



Original Color

57.5516, 61.1742, 82.1733

Protanomaly

58.9852, 61.2145, 81.3798

Deuteranomaly

60.6756, 61.3482, 82.7722

Tritanomaly

57.1327, 61.3668, 80.0679

Monochromacy



Original Color

57.5516, 61.1742, 82.1733

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3948, 60.6089, 71.6244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5516, 61.1742, 82.1733 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, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 228)  
}
```

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, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 228) }
```

Border

The CSS property to change the border of an element to XYZ 57.5516, 61.1742, 82.1733 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, 207, 228) }
```


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

```
.border{ border-color:rgb(190, 207, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 228);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5516, 61.1742, 82.1733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 228) }
```

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

```
.background{ background-color: rgb(190,  
207, 228) }
```

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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