

Converting Colors

XYZ(57.4365, 61.7445, 83.9781)

Have a look what the booklet for
XYZ(57.4365, 61.7445, 83.9781)
contains.

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Color

**XYZ(57.3331, 61.7532,
83.7607)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD1E6
RGB	186, 209, 230
RGB Percent	73%, 82%, 90%
CMY	0.2706, 0.1804, 0.0980
CMYK	0.19, 0.09, 0.00, 0.10
HSL	209°, 47%, 82%
HSV	209°, 19%, 90%
XYZ	57.3331, 61.7532, 83.7607
YIQ	204.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

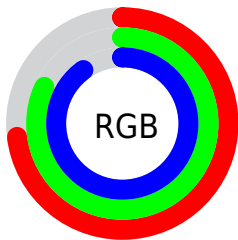
Format	Color
R _Y B	186, 201, 230
Decimal	12243430
CIE Lab	82.78, -3.32, -12.94
CIE LCh	83, 13.360, 255.620
Yxy	61.7532, 0.2826, 0.3044
Android (android.graphics.Color)	4290433510 (0xFFBAD1E6)
YUV	204.5170, 12.5631, -16.2394
Hunter-Lab	78.5832, -7.2897, -8.1881

Details

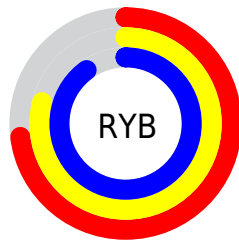
The XYZ color **57.3331, 61.7532, 83.7607** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8095, 64.9939, 55.6377**, and the grayscale version is **57.6554, 60.6579, 66.0565**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **28.8770, 31.4042, 44.5840** is the 20% darker color. If you saturate the color by 10%, you get **49.5884, 53.9011, 82.6543**, and if you desaturate by 10%, it is **66.1664, 70.4451, 84.9738**.

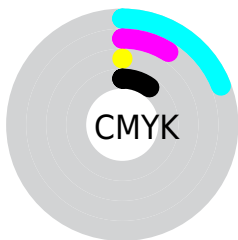
Distribution



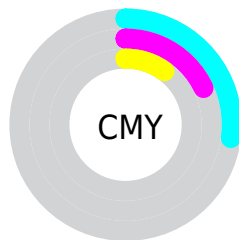
- Red (73%)
- Green (82%)
- Blue (90%)



- Red (73%)
- Yellow (79%)
- Blue (90%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (27%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3331, 61.7532, 83.7607 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 57.3331, 61.7532, 83.7607 by changing the saturation by 10% instead.

■ 57.3331, 61.7532,
83.7607

■ 57.3331, 61.7532,
83.7607

404.6903,
431.0303, 527.5555

■ 41.5139, 44.8333,
62.2736

■ 100.0796,
107.3688, 140.4991

■ 28.9103, 31.3262,
44.8166

127.7377,
136.8332, 176.5876

■ 19.1569, 20.8473,
30.9711

160.0727,
171.2480, 218.3802

■ 11.8884, 13.0125,
20.3186

197.4501,
210.9974, 266.2956

■ 6.7394, 7.4371,
12.4405

240.2352,
256.4660, 320.7523

■ 3.3445, 3.7369,
6.9182

288.7934,

■ 1.3385, 1.5275,

308.0381, 382.1688

3.3333

343.4900,
366.0980, 450.9637

■ 0.2117, 0.3080,
1.2673

■ 0.0000, 0.0000,
0.0347

■ 57.3331, 61.7532,
83.7607

■ 57.3331, 61.7532,
83.7607

■ 49.5884, 53.9011,
82.6543

■ 66.1664, 70.4451,
84.9738

■ 42.8801, 46.8517,
81.6472

■ 76.1265, 79.9970,
86.2926

■ 37.1598, 40.5759,
80.7373

■ 87.2552, 90.4373,
87.7212

■ 32.3726, 35.0395,
79.9210

■ 90.6195, 97.1661,
88.8427

■ 28.4579, 30.2051,
79.1942

■ 91.2831, 98.4932,
89.0639

■ 25.3468, 26.0311,
78.5525

■ 22.9587, 22.4692,
77.9909

■ 21.1694, 19.4486,
77.5021

■ 21.0286, 19.2042,
77.4624

Harmonies

Analogous

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



54.9144, 61.7532, 79.1940



57.3331, 61.7532, 83.7607



60.1949, 61.7532, 83.6581

Triad

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



57.3331, 61.7532, 83.7607



64.1780, 61.7532, 63.0674



54.8335, 61.7532, 56.7677

Complementary

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



57.3331, 61.7532, 83.7607



63.8095, 64.9939, 55.6377

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.



57.2194, 61.7532, 53.1219



57.3331, 61.7532, 83.7607



62.6443, 61.7532, 56.5516

Square

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



57.3331, 61.7532, 83.7607



64.2109, 61.7532, 71.2455



60.0774, 61.7532, 53.0462



53.5036, 61.7532, 63.3851

Rectangle

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



57.3331, 61.7532, 83.7607



61.9716, 61.7532, 80.9392



60.0774, 61.7532, 53.0462



55.5351, 61.7532, 55.1787

Sweetspot

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



57.3350, 61.7557, 83.7621



87.3582, 92.6424, 107.8852



59.7532, 71.5161, 69.3887



18.5259, 19.6631, 23.0689



0.0000, 0.0000, 0.0000



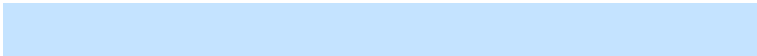
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3350, 61.7557, 83.7621



68.3783, 73.9471, 105.2770



52.4034, 51.8927, 82.1183



14.2032, 15.1277, 18.3157



12.0284, 11.1189, 43.8954



0.9818, 1.0075, 3.2747

Inverse Universe

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



61.7022, 56.5457, 67.9868



74.9257, 66.4446, 81.5573



69.3875, 76.1500, 57.4971



14.6901, 14.4932, 16.5687



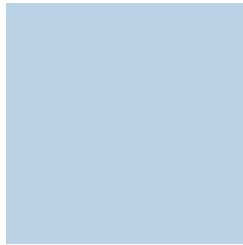
20.4649, 10.3202, 11.3430



1.5592, 0.7814, 1.0852

Previews

White Background



This preview shows how the XYZ color 57.3331, 61.7532, 83.7607 looks on a white background.

Color Contrast Check

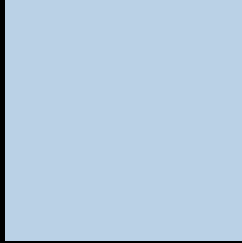
Large Text (above 18pt) WCAG AA × Fail

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 57.3331, 61.7532, 83.7607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

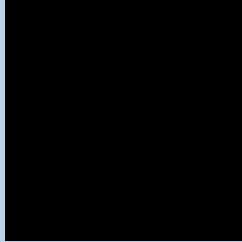
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

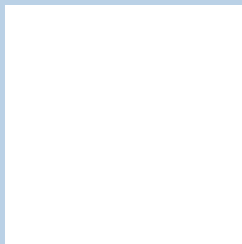
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3331, 61.7532, 83.7607

Background



This preview shows how black text looks on a background with the XYZ color 57.3331, 61.7532, 83.7607.



This preview shows how white text looks on a background with the XYZ color 57.3331, 61.7532,

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

57.3331, 61.7532, 83.7607

Protanopia

60.0866, 61.4283, 81.3630

Deuteranopia

62.9513, 61.4309, 84.8834



Tritanopia

56.7816, 61.8985, 80.9064

Trichromacy



Original Color

57.3331, 61.7532, 83.7607

Protanomaly

59.1009, 61.6144, 82.1766

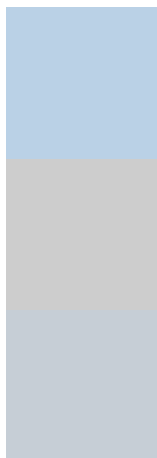
Deuteranomaly

60.6816, 61.3188, 84.2387

Tritanomaly

56.9193, 61.9535, 81.6313

Monochromacy



Original Color

57.3331, 61.7532, 83.7607

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4976, 61.0034, 72.3627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3331, 61.7532, 83.7607 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(186, 209, 230)` looks like.

```
.text, #text, p{  
    color:rgb(186, 209, 230)  
}
```

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(186, 209, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 209, 230) }
```

Border

The CSS property to change the border of an element to XYZ 57.3331, 61.7532, 83.7607 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(186, 209, 230) }
```


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

```
.border{ border-color:rgb(186, 209, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 209, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 209, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 209, 230);  
box-shadow:4px 4px 4px 4px rgb(186, 209,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3331, 61.7532, 83.7607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 209, 230) }
```

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

```
.background{ background-color: rgb(186,  
209, 230) }
```

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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