

Converting Colors

XYZ(61.3751, 67.1754, 86.0752)

Have a look what the booklet for
XYZ(61.3751, 67.1754, 86.0752)
contains.

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Color

**XYZ(61.3751, 67.1755,
86.0753)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DAE8
RGB	192, 218, 232
RGB Percent	75%, 85%, 91%
CMY	0.2471, 0.1451, 0.0902
CMYK	0.17, 0.06, 0.00, 0.09
HSL	201°, 47%, 83%
HSV	201°, 17%, 91%
XYZ	61.3751, 67.1755, 86.0753
YIQ	211.8220, -19.9900, -1.1580

Conversions

Conversions Part 2

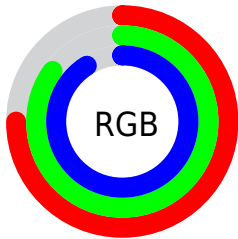
Format	Color
R _Y B	192, 208, 232
Decimal	12638952
CIE Lab	85.59, -5.73, -9.77
CIE LCh	86, 11.324, 239.611
Yxy	67.1755, 0.2860, 0.3130
Android (android.graphics.Color)	4290829032 (0xFFC0DAE8)
YUV	211.8220, 9.9478, -17.3839
Hunter-Lab	81.9607, -9.7639, -4.8940

Details

The XYZ color **61.3751, 67.1755, 86.0753** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8649, 65.1040, 59.0180**, and the grayscale version is **62.4083, 65.6584, 71.5020**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.4149, 34.7322, 46.1225** is the 20% darker color. If you saturate the color by 10%, you get **53.9040, 60.2765, 85.1385**, and if you desaturate by 10%, it is **69.8793, 74.7636, 87.0928**.

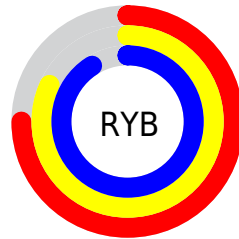
Distribution



Red (75%)

Green (85%)

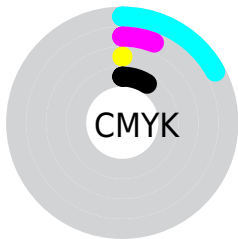
Blue (91%)



Red (75%)

Yellow (82%)

Blue (91%)

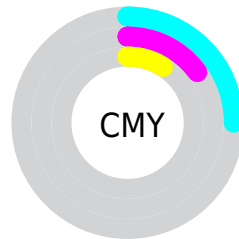


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3751, 67.1755, 86.0753 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 61.3751, 67.1755, 86.0753 by changing the saturation by 10% instead.

■ 61.3751, 67.1755,
86.0753

■ 61.3751, 67.1755,
86.0753

419.4020,
450.5692, 535.4166

■ 44.7816, 49.2273,
64.1750

■ 105.9169,
115.1718, 143.7620

■ 31.4860, 34.7998,
46.3453

134.5960,
145.9888, 180.3855

■ 21.1229, 23.5087,
32.1678

168.0343,
181.8640, 222.7539

■ 13.3268, 14.9696,
21.2238

206.5972,
223.1820, 271.2855

■ 7.7325, 8.7980,
13.0949

250.6501,
270.3271, 326.3991

■ 3.9746, 4.6097,
7.3624

300.5582,

■ 1.6878, 2.0201,

323.6838, 388.5131

3.6079

356.6871,
383.6363, 458.0461

■ 0.4486, 0.6191,
1.4128

■ 0.0000, 0.0000,
0.1517

■ 61.3751, 67.1755,
86.0753

■ 61.3751, 67.1755,
86.0753

■ 53.9040, 60.2765,
85.1385

■ 69.8793, 74.7636,
87.0928

■ 47.4152, 54.0331,
84.2754

■ 79.4524, 83.0563,
88.1889

■ 41.8627, 48.4211,
83.4848

■ 87.6650, 90.8048,
89.2517

■ 37.1937, 43.4110,
82.7639

■ 90.1400, 95.7549,
90.0767

■ 33.3502, 38.9706,
82.1094

■ 91.5657, 98.6063,
90.5519

■ 30.2663, 35.0635,
81.5178

■ 27.8653, 31.6478,
80.9850

■ 26.0466, 28.6691,
80.5059

■ 25.6031, 27.9011,
80.3810

Harmonies

Analogous

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



59.6378, 67.1755, 80.3787



61.3751, 67.1755, 86.0753



63.8147, 67.1755, 88.2658

Triad

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



61.3751, 67.1755, 86.0753



68.9309, 67.1755, 73.2391



61.4319, 67.1755, 61.4892

Complementary

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



61.3751, 67.1755, 86.0753



64.8649, 65.1040, 59.0180

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.



63.8819, 67.1755, 59.8539



61.3751, 67.1755, 86.0753



68.2524, 67.1755, 66.3546

Square

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



61.3751, 67.1755, 86.0753



68.2173, 67.1755, 80.5565



66.3871, 67.1755, 61.5751



59.6700, 67.1755, 66.1983

Rectangle

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



61.3751, 67.1755, 86.0753



65.5253, 67.1755, 87.3367



66.3871, 67.1755, 61.5751



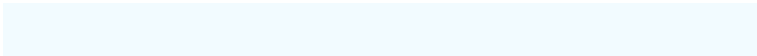
62.2001, 67.1755, 60.5764

Sweetspot

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



61.3771, 67.1783, 86.0768



89.1070, 94.8479, 108.2188



61.6558, 73.3448, 68.8774



18.8996, 20.1502, 23.1432



0.0000, 0.0000, 0.0000



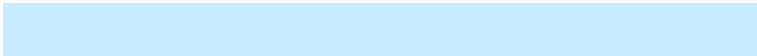
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3771, 67.1783, 86.0768



72.3294, 79.8416, 106.2065



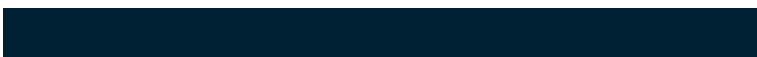
56.6517, 57.7276, 84.5017



14.3608, 15.4430, 18.3682



14.3360, 15.7341, 44.6646



1.1457, 1.3353, 3.3293

Inverse Universe

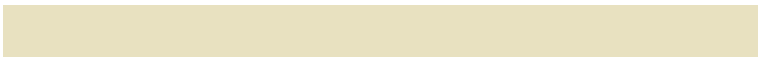
The Inverse Universe completely reimagines the original color for something new.



64.7848, 59.9185, 74.4838



77.4101, 69.3148, 88.8554



69.8097, 74.9936, 60.6663



14.7697, 14.5251, 16.9876



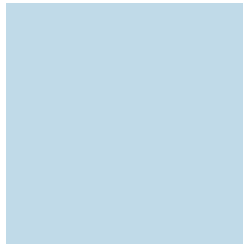
21.6297, 10.7861, 17.4766



1.6419, 0.8145, 1.5208

Previews

White Background



This preview shows how the XYZ color 61.3751, 67.1755, 86.0753 looks on a white background.

Color Contrast Check

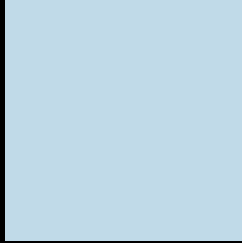
Large Text (above 18pt) WCAG AA × Fail

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 61.3751, 67.1755, 86.0753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

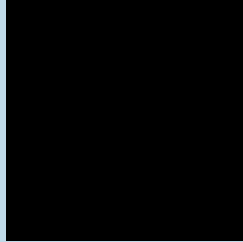
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

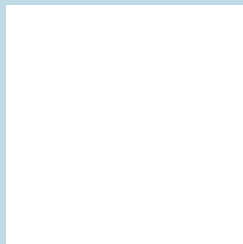
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3751, 67.1755, 86.0753

Background



This preview shows how black text looks on a background with the XYZ color 61.3751, 67.1755, 86.0753.

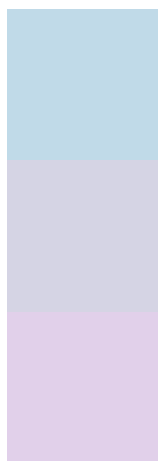


This preview shows how white text looks on a background with the XYZ color 61.3751, 67.1755,

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

61.3751, 67.1755, 86.0753

Protanopia

64.9876, 66.8345, 82.8739

Deuteranopia

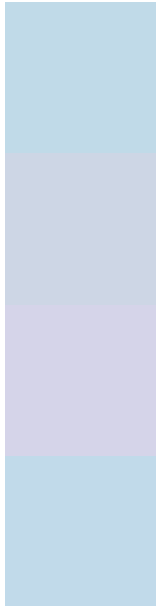
68.4585, 67.0598, 87.1776



Tritanopia

62.0591, 67.4784, 88.3510

Trichromacy



Original Color

61.3751, 67.1755, 86.0753

Protanomaly

63.3663, 66.7294, 83.6690

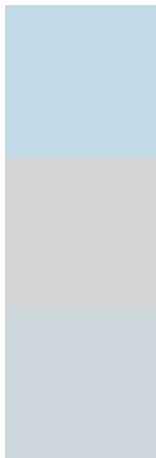
Deuteranomaly

65.6920, 67.1163, 86.5832

Tritanomaly

61.9150, 67.4208, 87.5921

Monochromacy



Original Color

61.3751, 67.1755, 86.0753

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.0096, 66.1867, 76.5249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3751, 67.1755, 86.0753 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(192, 218, 232)` looks like.

```
.text, #text, p{  
    color:rgb(192, 218, 232)  
}
```

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(192, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 218, 232) }
```

Border

The CSS property to change the border of an element to XYZ 61.3751, 67.1755, 86.0753 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(192, 218, 232) }
```


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

```
.border{ border-color:rgb(192, 218, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 218, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(192, 218,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3751, 67.1755, 86.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 218, 232) }
```

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

```
.background{ background-color: rgb(192,  
218, 232) }
```

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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