

Converting Colors

XYZ(60.8179, 66.5970, 85.7089)

Have a look what the booklet for
XYZ(60.8179, 66.5970, 85.7089)
contains.

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Color

**XYZ(60.8642, 66.5283,
85.9773)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9E8
RGB	191, 217, 232
RGB Percent	75%, 85%, 91%
CMY	0.2510, 0.1490, 0.0902
CMYK	0.18, 0.06, 0.00, 0.09
HSL	202°, 47%, 83%
HSV	202°, 18%, 91%
XYZ	60.8642, 66.5283, 85.9773
YIQ	210.9360, -20.3110, -0.8470

Conversions

Conversions Part 2

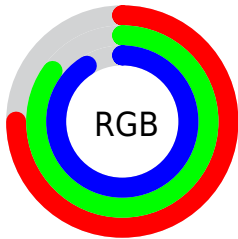
Format	Color
R _Y B	191, 207, 232
Decimal	12573160
CIE Lab	85.27, -5.52, -10.26
CIE LCh	85, 11.653, 241.724
Yxy	66.5283, 0.2853, 0.3118
Android (android.graphics.Color)	4290763240 (0xFFBFD9E8)
YUV	210.9360, 10.3846, -17.4839
Hunter-Lab	81.5649, -9.5408, -5.4020

Details

The XYZ color **60.8642, 66.5283, 85.9773** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.7545, 65.0599, 58.4364**, and the grayscale version is **61.8195, 65.0389, 70.8273**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.0733, 34.2936, 46.0559** is the 20% darker color. If you saturate the color by 10%, you get **53.3545, 59.4944, 85.0165**, and if you desaturate by 10%, it is **69.4145, 74.2691, 87.0219**.

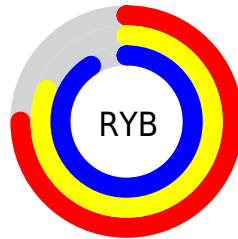
Distribution



Red (75%)

Green (85%)

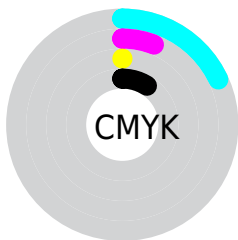
Blue (91%)



Red (75%)

Yellow (81%)

Blue (91%)

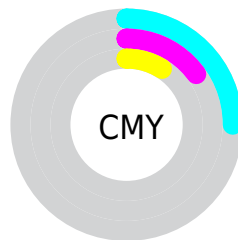


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8642, 66.5283, 85.9773 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 60.8642, 66.5283, 85.9773 by changing the saturation by 10% instead.

■ 60.8642, 66.5283,
85.9773

■ 60.8642, 66.5283,
85.9773

417.5598,
448.2639, 535.0851

■ 44.3677, 48.7014,
64.0944

■ 105.1815,
114.2443, 143.6241

■ 31.1588, 34.3827,
46.2805

133.7330,
144.9021, 180.2250

■ 20.8722, 23.1877,
32.1169

167.0336,
180.6057, 222.5691

■ 13.1426, 14.7322,
21.1853

205.4486,
221.7394, 271.0748

■ 7.6045, 8.6316,
13.0669

249.3434,
268.6877, 326.1608

■ 3.8926, 4.5017,
7.3434

299.0832,

■ 1.6415, 1.9580,

321.8350, 388.2454

3.5961

355.0336,
381.5656, 457.7473

■ 0.4193, 0.5829,
1.4065

■ 0.0000, 0.0000,
0.1468

■ 60.8642, 66.5283,
85.9773

■ 60.8642, 66.5283,
85.9773

■ 53.3545, 59.4944,
85.0165

■ 69.4145, 74.2691,
87.0219

■ 46.8345, 53.1334,
84.1323

■ 79.0416, 82.7328,
88.1481

■ 41.2574, 47.4205,
83.3236

■ 87.6959, 90.8667,
89.2620

■ 36.5703, 42.3258,
82.5873

■ 90.2871, 96.0491,
90.1257

■ 32.7146, 37.8164,
81.9201

■ 91.5657, 98.6063,
90.5519

■ 29.6238, 33.8553,
81.3184

■ 27.2201, 30.3996,
80.7781

■ 25.3989, 27.3924,
80.2936

■ 25.0211, 26.7370,
80.1870

Harmonies

Analogous

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



59.0224, 66.5283, 80.3357



60.8642, 66.5283, 85.9773



63.3856, 66.5283, 87.9246

Triad

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



60.8642, 66.5283, 85.9773



68.4317, 66.5283, 72.0025



60.6073, 66.5283, 60.7878

Complementary

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



60.8642, 66.5283, 85.9773



64.7545, 65.0599, 58.4364

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.



63.0809, 66.5283, 58.8858



60.8642, 66.5283, 85.9773



67.6396, 66.5283, 65.0757

Square

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



60.8642, 66.5283, 85.9773



67.7991, 66.5283, 79.5286



65.6628, 66.5283, 60.4004



58.8770, 66.5283, 65.7819

Rectangle

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



60.8642, 66.5283, 85.9773



65.1263, 66.5283, 86.7651



65.6628, 66.5283, 60.4004



61.3770, 66.5283, 59.7819

Sweetspot

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



60.8662, 66.5310, 85.9788



89.0440, 94.7219, 108.1978



61.4054, 73.2155, 68.8762



18.8843, 20.1196, 23.1381



0.0000, 0.0000, 0.0000



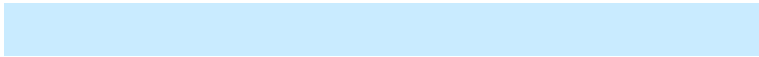
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8662, 66.5310, 85.9788



72.0851, 79.3530, 106.1251



56.0529, 56.9046, 84.3744



14.3410, 15.4034, 18.3616



14.0145, 15.0911, 44.5574



1.1234, 1.2907, 3.3219

Inverse Universe

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



64.4355, 59.4286, 73.7236



77.2868, 69.2654, 88.2061



69.8394, 75.2298, 60.1314



14.7597, 14.5211, 16.9350



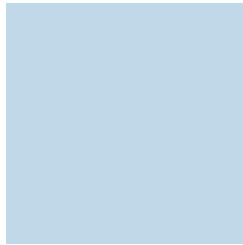
21.4674, 10.7212, 16.6221



1.6307, 0.8100, 1.4616

Previews

White Background



This preview shows how the XYZ color 60.8642, 66.5283, 85.9773 looks on a white background.

Color Contrast Check

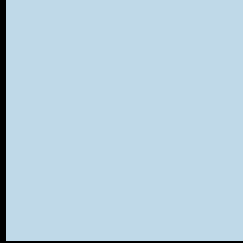
Large Text (above 18pt) WCAG AA × Fail

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 60.8642, 66.5283, 85.9773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

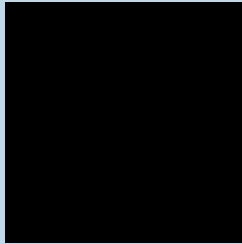
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

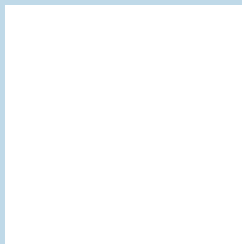
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8642, 66.5283, 85.9773

Background



This preview shows how black text looks on a background with the XYZ color 60.8642, 66.5283, 85.9773.



This preview shows how white text looks on a background with the XYZ color 60.8642, 66.5283,

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

60.8642, 66.5283, 85.9773

Protanopia

64.4492, 66.1870, 82.7773

Deuteranopia

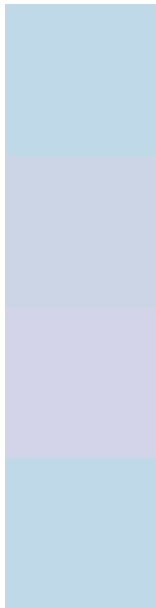
67.5955, 66.2541, 87.0676



Tritanopia

61.1500, 66.6426, 87.4823

Trichromacy



Original Color

60.8642, 66.5283, 85.9773

Protanomaly

62.8389, 66.0830, 83.5721

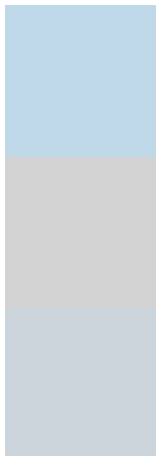
Deuteranomaly

64.8662, 66.3206, 86.4731

Tritanomaly

61.0067, 66.5853, 86.7276

Monochromacy



Original Color

60.8642, 66.5283, 85.9773

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4823, 65.5403, 76.4279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8642, 66.5283, 85.9773 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(191, 217, 232)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 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(191, 217, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.8642, 66.5283, 85.9773 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(191, 217, 232) }
```


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

```
.border{ border-color:rgb(191, 217, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 232);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8642, 66.5283, 85.9773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 232) }
```

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

```
.background{ background-color: rgb(191,  
217, 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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