

Converting Colors

XYZ(60.5723, 65.6536, 84.3273)

Have a look what the booklet for
XYZ(60.5723, 65.6536, 84.3273)
contains.

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Color

**XYZ(60.5757, 65.6515,
84.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D7E6
RGB	193, 215, 230
RGB Percent	76%, 84%, 90%
CMY	0.2431, 0.1568, 0.0980
CMYK	0.16, 0.07, 0.00, 0.10
HSL	204°, 43%, 83%
HSV	204°, 16%, 90%
XYZ	60.5757, 65.6515, 84.3422
YIQ	210.1320, -17.9270, 0.0010

Conversions

Conversions Part 2

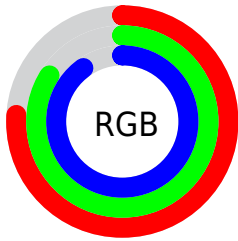
Format	Color
R_{YB}	193, 207, 230
Decimal	12703718
CIE _{Lab}	84.82, -4.28, -9.85
CIE _{LCh}	85, 10.742, 246.540
Yxy	65.6515, 0.2877, 0.3118
Android (android.graphics.Color)	4290893798 (0xFFC1D7E6)
YUV	210.1320, 9.7949, -15.0248
Hunter-Lab	81.0256, -8.3461, -4.9990

Details

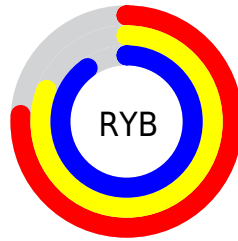
The XYZ color **60.5757, 65.6515, 84.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8152, 65.7849, 59.7351**, and the grayscale version is **61.2929, 64.4849, 70.2241**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **30.9561, 33.7257, 45.4356** is the 20% darker color. If you saturate the color by 10%, you get **52.8560, 58.2491, 83.3213**, and if you desaturate by 10%, it is **69.3464, 73.7999, 85.4538**.

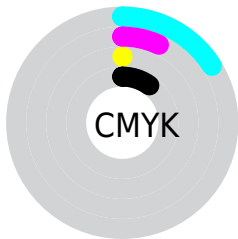
Distribution



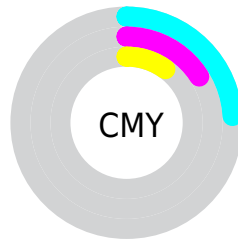
- Red (76%)
- Green (84%)
- Blue (90%)



- Red (76%)
- Yellow (81%)
- Blue (90%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5757, 65.6515, 84.3422 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 60.5757, 65.6515, 84.3422 by changing the saturation by 10% instead.

■ 60.5757, 65.6515,
84.3422

■ 60.5757, 65.6515,
84.3422

416.5174,
445.1295, 529.5366

■ 44.1341, 47.9896,
62.7510

■ 104.7659,
112.9860, 141.3198

■ 30.9743, 33.8186,
45.2001

133.2453,
143.4273, 177.5432

■ 20.7310, 22.7543,
31.2710

166.4679,
178.8973, 219.4811

■ 13.0389, 14.4122,
20.5451

204.7991,
219.7802, 267.5520

■ 7.5325, 8.4079,
12.6039

248.6043,
266.4604, 322.1744

■ 3.8466, 4.3570,
7.0288

298.2488,

■ 1.6157, 1.8752,

319.3225, 383.7670

3.4014

354.0981,
378.7507, 452.7482

■ 0.4026, 0.5334,
1.3031

■ 0.0000, 0.0000,
0.0643

■ 60.5757, 65.6515,
84.3422

■ 60.5757, 65.6515,
84.3422

■ 52.8560, 58.2491,
83.3213

■ 69.3464, 73.7999,
85.4538

■ 46.1372, 51.5586,
82.3840

■ 79.2038, 82.7109,
86.6542

■ 40.3737, 45.5547,
81.5289

■ 87.5655, 91.0580,
87.8247

■ 35.5137, 40.2071,
80.7529

■ 90.4263, 96.7796,
88.7783

■ 31.5001, 35.4830,
80.0526

■ 91.2831, 98.4932,
89.0639

■ 28.2687, 31.3454,
79.4243

■ 25.7447, 27.7520,
78.8637

■ 23.8359, 24.6515,
78.3658

■ 23.1968, 23.5406,
78.1851

Harmonies

Analogous

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



58.7554, 65.6515, 79.6673



60.5757, 65.6515, 84.3422



62.9283, 65.6515, 85.4741

Triad

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



60.5757, 65.6515, 84.3422



67.1108, 65.6515, 69.9845



59.6851, 65.6515, 61.3559

Complementary

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



60.5757, 65.6515, 84.3422



64.8152, 65.7849, 59.7351

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.



61.8742, 65.6515, 59.1092



60.5757, 65.6515, 84.3422



66.1918, 65.6515, 63.8799

Square

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



60.5757, 65.6515, 84.3422



66.7415, 65.6515, 76.8900



64.2601, 65.6515, 60.0027



58.2505, 65.6515, 66.3363

Rectangle

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



60.5757, 65.6515, 84.3422



64.4903, 65.6515, 84.0065



64.2601, 65.6515, 60.0027



60.3550, 65.6515, 60.2710

Sweetspot

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



60.5776, 65.6542, 84.3437



88.8873, 94.4084, 108.1455



61.6509, 72.4765, 70.2869



18.8462, 20.0433, 23.1254



0.0000, 0.0000, 0.0000



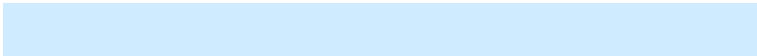
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5776, 65.6542, 84.3437



73.4686, 80.0447, 106.1857



56.1748, 56.8484, 82.8760



14.2919, 15.3051, 18.3453



13.2555, 13.5732, 44.3044



1.0702, 1.1843, 3.3041

Inverse Universe

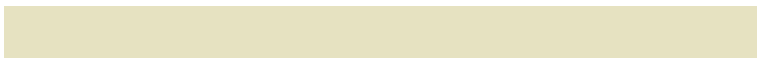
The Inverse Universe completely reimagines the original color for something new.



63.9704, 59.8707, 72.4776



78.4917, 71.6870, 88.5716



69.5379, 75.2304, 61.3093



14.7349, 14.5111, 16.8044



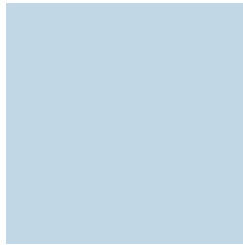
21.0843, 10.5679, 14.6047



1.6038, 0.7992, 1.3201

Previews

White Background



This preview shows how the XYZ color 60.5757, 65.6515, 84.3422 looks on a white background.

Color Contrast Check

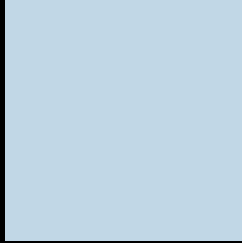
Large Text (above 18pt) WCAG AA × Fail

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 60.5757, 65.6515, 84.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

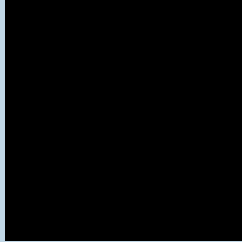
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

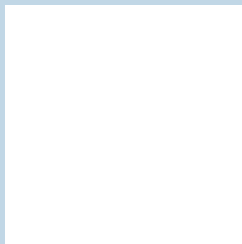
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5757, 65.6515, 84.3422

Background



This preview shows how black text looks on a background with the XYZ color 60.5757, 65.6515, 84.3422.



This preview shows how white text looks on a background with the XYZ color 60.5757, 65.6515,

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

60.5757, 65.6515, 84.3422

Protanopia

63.7757, 65.4881, 81.9522

Deuteranopia

67.0682, 65.6568, 85.4821



Tritanopia

60.8582, 65.7645, 85.8302

Trichromacy



Original Color

60.5757, 65.6515, 84.3422

Protanomaly

62.4489, 65.5258, 82.7551

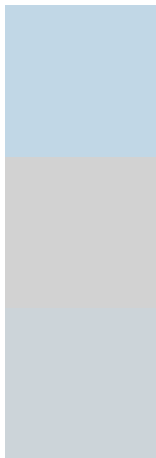
Deuteranomaly

64.3756, 65.3675, 84.8255

Tritanomaly

60.7166, 65.7079, 85.0841

Monochromacy



Original Color

60.5757, 65.6515, 84.3422

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9697, 64.9341, 74.9657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5757, 65.6515, 84.3422 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(193, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 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(193, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 230) }
```

Border

The CSS property to change the border of an element to XYZ 60.5757, 65.6515, 84.3422 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(193, 215, 230) }
```


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

```
.border{ border-color:rgb(193, 215, 230) }
```

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

Here you see how a box with a 4 pixel rgb(193, 215, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5757, 65.6515, 84.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 230) }
```

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

```
.background{ background-color: rgb(193,  
215, 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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