

Converting Colors

XYZ(60.3509, 63.6882, 84.5645)

Have a look what the booklet for
XYZ(60.3509, 63.6882, 84.5645)
contains.

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Color

**XYZ(60.2353, 63.5985,
84.7023)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D2E7
RGB	196, 210, 231
RGB Percent	77%, 82%, 91%
CMY	0.2314, 0.1765, 0.0941
CMYK	0.15, 0.09, 0.00, 0.09
HSL	216°, 42%, 84%
HSV	216°, 15%, 91%
XYZ	60.2353, 63.5985, 84.7023
YIQ	208.2080, -15.0850, 3.5630

Conversions

Conversions Part 2

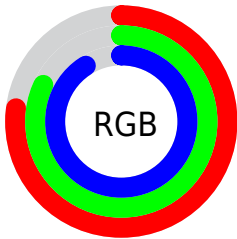
Format	Color
RYB	196, 206, 231
Decimal	12899047
CIELab	83.76, -0.51, -11.95
CIELCh	84, 11.957, 267.574
Yxy	63.5985, 0.2888, 0.3050
Android (android.graphics.Color)	4291089127 (0xFFC4D2E7)
YUV	208.2080, 11.2365, -10.7064
Hunter-Lab	79.7487, -4.7366, -7.1488

Details

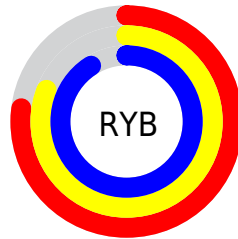
The XYZ color **60.2353, 63.5985, 84.7023** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7319, 70.5997, 62.2829**, and the grayscale version is **60.0271, 63.1531, 68.7738**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.7817, 32.6229, 45.2319** is the 20% darker color. If you saturate the color by 10%, you get **51.4089, 54.1887, 83.3522**, and if you desaturate by 10%, it is **70.2869, 74.0831, 86.1973**.

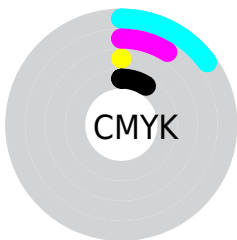
Distribution



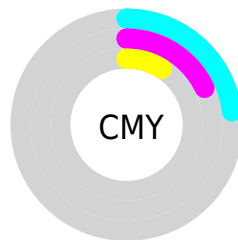
- Red (77%)
- Green (82%)
- Blue (91%)



- Red (77%)
- Yellow (81%)
- Blue (91%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2353, 63.5985, 84.7023 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 60.2353, 63.5985, 84.7023 by changing the saturation by 10% instead.

■ 60.2353, 63.5985,
84.7023

■ 60.2353, 63.5985,
84.7023

415.2854,
437.7383, 530.7614

■ 43.8585, 46.3256,
63.0467

104.2753,
110.0325, 141.8276

■ 30.7567, 32.5028,
45.4377

132.6693,
139.9624, 178.1344

■ 20.5646, 21.7458,
31.4569

165.7996,
174.8800, 220.1621

■ 12.9167, 13.6703,
20.6856

204.0318,
215.1698, 268.3291

■ 7.4478, 7.8917,
12.7054

247.7311,
261.2161, 323.0539

■ 3.7925, 4.0257,
7.0977

297.2629,

■ 1.5854, 1.6880,

313.4034, 384.7552

3.4439

352.9925,
372.1160, 453.8515

■ 0.3829, 0.4158,
1.3255

■ 0.0000, 0.0000,
0.0826

■ 60.2353, 63.5985,
84.7023

■ 60.2353, 63.5985,
84.7023

■ 51.4089, 54.1887,
83.3522

■ 70.2869, 74.0831,
86.1973

■ 43.7523, 45.8090,
82.1384

■ 81.6047, 85.6693,
87.8371

■ 37.2142, 38.4232,
81.0573

■ 90.3423, 96.3862,
89.4452

■ 31.7371, 31.9895,
80.1042

■ 91.4240, 98.5496,
89.8057

■ 27.2576, 26.4626,
79.2735

■ 23.7051, 21.7929,
78.5594

■ 20.9986, 17.9247,
77.9554

■ 19.0398, 14.7924,
77.4540

■ 18.2877, 13.4970,
77.2436

Harmonies

Analogous

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



57.7847, 63.5985, 82.1675



60.2353, 63.5985, 84.7023



62.8129, 63.5985, 82.8545

Triad

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



60.2353, 63.5985, 84.7023



65.0294, 63.5985, 62.7756



56.2911, 63.5985, 61.7892

Complementary

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



60.2353, 63.5985, 84.7023



67.7319, 70.5997, 62.2829

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.



58.1441, 63.5985, 57.2191



60.2353, 63.5985, 84.7023



63.1929, 63.5985, 57.7590

Square

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



60.2353, 63.5985, 84.7023



65.6279, 63.5985, 69.8610



60.6621, 63.5985, 55.7980



55.5490, 63.5985, 68.6385

Rectangle

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



60.2353, 63.5985, 84.7023



64.2477, 63.5985, 79.4550



60.6621, 63.5985, 55.7980



56.8021, 63.5985, 59.9548

Sweetspot

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



60.2372, 63.6011, 84.7037



88.1221, 92.8780, 107.8905



63.7906, 73.8681, 76.1455



18.6603, 19.6715, 23.0634



0.0000, 0.0000, 0.0000



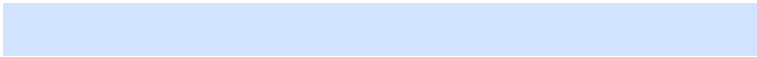
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2372, 63.6011, 84.7037



71.9690, 75.9822, 105.4806



57.6959, 57.3813, 83.6371



14.0537, 14.8288, 18.2659



10.3659, 7.7940, 43.3412



0.8549, 0.7537, 3.2324

Inverse Universe

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



64.3292, 61.1232, 69.3833



77.9943, 72.4817, 82.8889



70.5621, 77.6460, 63.4938



14.6147, 14.4631, 16.1714



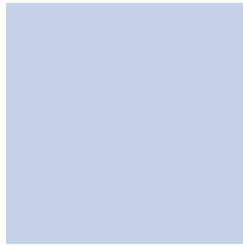
19.6258, 9.9845, 6.9242



1.4951, 0.7558, 0.7479

Previews

White Background



This preview shows how the XYZ color 60.2353, 63.5985, 84.7023 looks on a white background.

Color Contrast Check

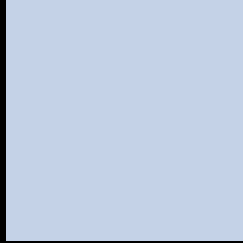
Large Text (above 18pt) WCAG AA × Fail

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 60.2353, 63.5985, 84.7023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

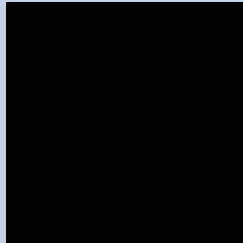
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2353, 63.5985, 84.7023

Background



This preview shows how black text looks on a background with the XYZ color 60.2353, 63.5985, 84.7023.



This preview shows how white text looks on a background with the XYZ color 60.2353, 63.5985,

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

60.2353, 63.5985, 84.7023

Protanopia

61.9093, 63.4046, 83.1041

Deuteranopia

64.8349, 63.4435, 85.1726



Tritanopia

59.6651, 63.7367, 81.8308

Trichromacy



Original Color

60.2353, 63.5985, 84.7023

Protanomaly

61.1959, 63.3815, 83.8714

Deuteranomaly

63.2151, 63.6704, 85.3018

Tritanomaly

59.8035, 63.7921, 82.5599

Monochromacy



Original Color

60.2353, 63.5985, 84.7023

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0970, 63.3962, 74.0350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2353, 63.5985, 84.7023 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(196, 210, 231)` looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 231)  
}
```

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(196, 210, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.2353, 63.5985, 84.7023 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(196, 210, 231) }
```


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

```
.border{ border-color:rgb(196, 210, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 210, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 231);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2353, 63.5985, 84.7023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 210, 231) }
```

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

```
.background{ background-color: rgb(196,  
210, 231) }
```

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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