

Converting Colors

XYZ(57.7780, 59.0940, 82.8600)

Have a look what the booklet for
XYZ(57.7780, 59.0940, 82.8600)
contains.

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Color

**XYZ(57.9345, 59.2222,
83.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C9E6
RGB	196, 201, 230
RGB Percent	77%, 79%, 90%
CMY	0.2314, 0.2117, 0.0980
CMYK	0.15, 0.13, 0.00, 0.10
HSL	231°, 40%, 84%
HSV	231°, 15%, 90%
XYZ	57.9345, 59.2222, 83.2405
YIQ	202.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

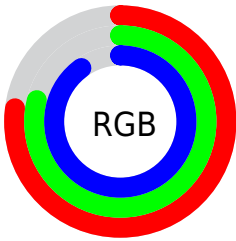
Format	Color
R _Y B	196, 200, 230
Decimal	12896742
CIE Lab	81.41, 4.05, -14.92
CIE LCh	81, 15.461, 285.195
Yxy	59.2222, 0.2891, 0.2955
Android (android.graphics.Color)	4291086822 (0xFFC4C9E6)
YUV	202.8110, 13.4042, -5.9732
Hunter-Lab	76.9560, -0.2934, -10.2627

Details

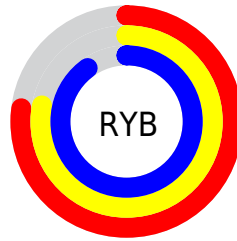
The XYZ color **57.9345, 59.2222, 83.2405** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.5225, 74.6587, 62.9721**, and the grayscale version is **56.5718, 59.5179, 64.8150**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.2290, 29.6742, 44.2316** is the 20% darker color. If you saturate the color by 10%, you get **48.1201, 47.8036, 81.5547**, and if you desaturate by 10%, it is **69.2536, 72.2864, 85.1665**.

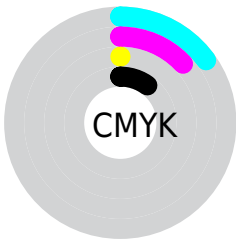
Distribution



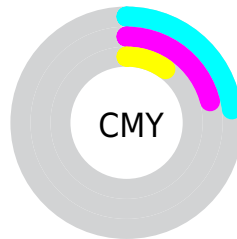
- Red (77%)
- Green (79%)
- Blue (90%)



- Red (77%)
- Yellow (78%)
- Blue (90%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9345, 59.2222, 83.2405 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 57.9345, 59.2222, 83.2405 by changing the saturation by 10% instead.

■ 57.9345, 59.2222,
83.2405

■ 57.9345, 59.2222,
83.2405

406.8996,
421.7249, 525.7797

■ 41.9990, 42.7920,
61.8468

100.9510,
103.7005, 139.7645

■ 29.2917, 29.7220,
44.4739

128.7627,
132.5175, 175.7319

■ 19.4470, 19.6276,
30.7033

161.2639,
166.2321, 217.3942

■ 12.0996, 12.1247,
20.1165

198.8200,
205.2289, 265.1701

■ 6.8842, 6.8286,
12.2948

241.7962,
249.8922, 319.4781

■ 3.4355, 3.3552,
6.8198

290.5580,

■ 1.3880, 1.3198,

300.6063, 380.7366

3.2729

345.4707,
357.7557, 449.3643

■ 0.2477, 0.1565,
1.2356

■ 0.0000, 0.0000,
0.0082

■ 57.9345, 59.2222,
83.2405

■ 57.9345, 59.2222,
83.2405

■ 48.1201, 47.8036,
81.5547

■ 69.2536, 72.2864,
85.1665

■ 39.7414, 37.9580,
80.0959

■ 82.1317, 87.0505,
87.3375

■ 32.7320, 29.6179,
78.8556

■ 91.2831, 98.4932,
89.0639

■ 27.0183, 22.7085,
77.8230

■ 22.5193, 17.1480,
76.9869

■ 19.1450, 12.8466,
76.3345

■ 16.7924, 9.7027,
75.8517

■ 15.3383, 7.5984,
75.5221

■ 14.8506, 6.8482,
75.4030

Harmonies

Analogous

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



54.7149, 59.2222, 83.2777



57.9345, 59.2222, 83.2405



60.8170, 59.2222, 77.8640

Triad

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



57.9345, 59.2222, 83.2405



60.7855, 59.2222, 52.6551



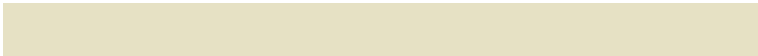
50.4887, 59.2222, 60.0386

Complementary

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



57.9345, 59.2222, 83.2405



69.5225, 74.6587, 62.9721

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.



51.9914, 59.2222, 52.7300



57.9345, 59.2222, 83.2405



57.8928, 59.2222, 48.7528

Square

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



57.9345, 59.2222, 83.2405



62.5054, 59.2222, 59.9270



54.6748, 59.2222, 48.7788



50.4989, 59.2222, 69.2640

Rectangle

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



57.9345, 59.2222, 83.2405



62.1241, 59.2222, 72.2463



54.6748, 59.2222, 48.7788



50.8311, 59.2222, 57.2966

Sweetspot

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



57.9363, 59.2247, 83.2418



88.6838, 92.6912, 107.8248



64.6398, 73.7613, 81.9942



18.7334, 19.5539, 23.0369



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.



57.9363, 59.2247, 83.2418



68.8911, 69.8265, 104.4547



60.0083, 58.5897, 83.0101



13.7531, 14.2276, 18.1657



8.4614, 3.9850, 42.7064



0.6790, 0.4019, 3.1738

Inverse Universe

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



62.9171, 60.5213, 63.6268



76.4407, 71.8603, 74.7079



67.2051, 75.5011, 63.2569



14.4630, 14.4024, 15.3724



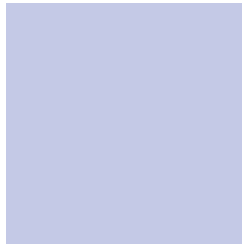
18.6644, 9.6000, 1.8620



1.4064, 0.7203, 0.2804

Previews

White Background



This preview shows how the XYZ color 57.9345, 59.2222, 83.2405 looks on a white background.

Color Contrast Check

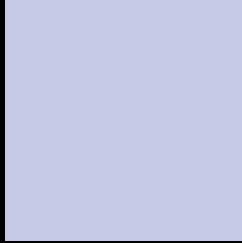
Large Text (above 18pt) WCAG AA × Fail

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 57.9345, 59.2222, 83.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

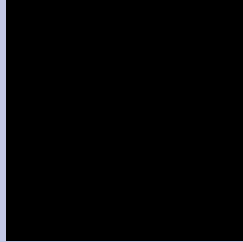
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9345, 59.2222, 83.2405

Background



This preview shows how black text looks on a background with the XYZ color 57.9345, 59.2222, 83.2405.



This preview shows how white text looks on a background with the XYZ color 57.9345, 59.2222,

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

57.9345, 59.2222, 83.2405

Protanopia

58.1955, 59.3568, 83.2527

Deuteranopia

60.4025, 59.1119, 83.8275



Tritanopia

56.3903, 59.2957, 75.4910

Trichromacy



Original Color

57.9345, 59.2222, 83.2405

Protanomaly

58.1955, 59.3568, 83.2527

Deuteranomaly

59.5197, 58.9951, 83.8515

Tritanomaly

56.9455, 59.1709, 78.2318

Monochromacy



Original Color

57.9345, 59.2222, 83.2405

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9502, 59.3245, 71.4000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9345, 59.2222, 83.2405 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, 201, 230)` looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 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(196, 201, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 230) }
```

Border

The CSS property to change the border of an element to XYZ 57.9345, 59.2222, 83.2405 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, 201, 230) }
```


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

```
.border{ border-color:rgb(196, 201, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 201, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 201, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 201, 230);  
box-shadow:4px 4px 4px 4px rgb(196, 201,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9345, 59.2222, 83.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 230) }
```

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

```
.background{ background-color: rgb(196,  
201, 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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