

Converting Colors

XYZ(59.6226, 58.1513, 93.6774)

Have a look what the booklet for
XYZ(59.6226, 58.1513, 93.6774)
contains.

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Color

**XYZ(59.6222, 58.1536,
93.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4F4
RGB	199, 196, 244
RGB Percent	78%, 77%, 96%
CMY	0.2196, 0.2314, 0.0431
CMYK	0.18, 0.20, 0.00, 0.04
HSL	244°, 69%, 86%
HSV	244°, 20%, 96%
XYZ	59.6222, 58.1536, 93.6703
YIQ	202.3690, -13.6200, 15.5640

Conversions

Conversions Part 2

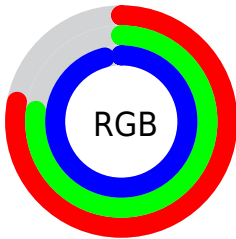
Format	Color
R _{YB}	199, 196, 244
Decimal	13092084
CIE Lab	80.82, 10.67, -23.28
CIE LCh	81, 25.606, 294.628
Yxy	58.1536, 0.2820, 0.2750
Android (android.graphics.Color)	4291282164 (0xFFC7C4F4)
YUV	202.3690, 20.5241, -2.9546
Hunter-Lab	76.2585, 6.1066, -19.4465

Details

The XYZ color **59.6222, 58.1536, 93.6703** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.5921, 87.3892, 64.9527**, and the grayscale version is **56.2528, 59.1823, 64.4495**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **30.4272, 28.9966, 51.5702** is the 20% darker color. If you saturate the color by 10%, you get **48.9397, 45.1312, 91.7207**, and if you desaturate by 10%, it is **72.1158, 73.4411, 95.9635**.

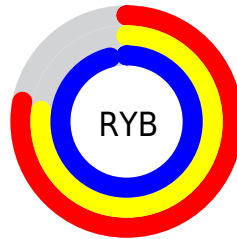
Distribution



Red (78%)

Green (77%)

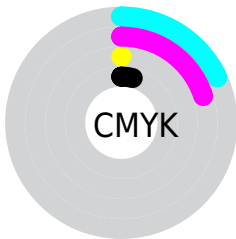
Blue (96%)



Red (78%)

Yellow (77%)

Blue (96%)

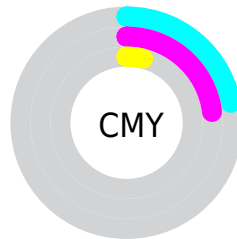


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (23%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6222, 58.1536, 93.6703 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 59.6222, 58.1536, 93.6703 by changing the saturation by 10% instead.

■ 59.6222, 58.1536,
93.6703

■ 59.6222, 58.1536,
93.6703

413.0609,
417.7580, 560.7745

■ 43.3625, 41.9321,
70.4380

103.3909,
102.1465, 154.4060

■ 30.3654, 29.0482,
51.4047

131.6306,
130.6867, 192.7465

■ 20.2655, 19.1173,
36.1518

164.5943,
164.1020, 236.9602

■ 12.6976, 11.7550,
24.2608

202.6474,
202.7768, 287.4655

■ 7.2962, 6.5771,
15.3132

246.1553,
247.0953, 344.6811

■ 3.6960, 3.1991,
8.8905

295.4832,

■ 1.5316, 1.2365,

297.4421, 409.0254

4.5740

350.9967,
354.2016, 480.9170

■ 0.3472, 0.0912,
1.9452

■ 0.0000, 0.0000,
0.5213

■ 59.6222, 58.1536,
93.6703

■ 59.6222, 58.1536,
93.6703

■ 48.9397, 45.1312,
91.7207

■ 72.1158, 73.4411,
95.9635

■ 39.9790, 34.2594,
90.0945

■ 86.4932, 91.0867,
98.6117

■ 32.6514, 25.4245,
88.7754

■ 93.3293, 99.3117,
99.8390

■ 26.8584, 18.4996,
87.7441

■ 22.4904, 13.3434,
86.9791

■ 19.4238, 9.7951,
86.4558

■ 17.5131, 7.6645,
86.1453

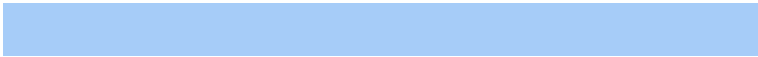
■ 16.5516, 6.6593,
86.0019

■ 16.5303, 6.6353,
85.9984

Harmonies

Analogous

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



54.3262, 58.1536, 96.9836



59.6222, 58.1536, 93.6703



63.9909, 58.1536, 81.7281

Triad

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



59.6222, 58.1536, 93.6703



61.3743, 58.1536, 42.4086



45.7504, 58.1536, 60.6305

Complementary

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



59.6222, 58.1536, 93.6703



78.5921, 87.3892, 64.9527

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.



47.3856, 58.1536, 47.9059



59.6222, 58.1536, 93.6703



56.2312, 58.1536, 38.5151

Square

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



59.6222, 58.1536, 93.6703



65.0469, 58.1536, 51.9370



51.1411, 58.1536, 40.3545



46.5312, 58.1536, 76.2540

Rectangle

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



59.6222, 58.1536, 93.6703



65.6748, 58.1536, 71.3614



51.1411, 58.1536, 40.3545



46.0324, 58.1536, 55.9054

Sweetspot

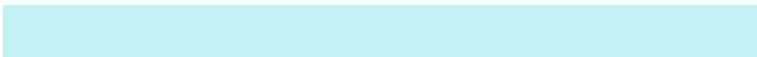
The Sweet Spot groups the original color and five complimentary colors.



59.6240, 58.1560, 93.6716



85.2800, 88.0039, 107.0995



70.7290, 81.5353, 97.5990



18.0357, 18.5694, 22.8836



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.



59.6240, 58.1560, 93.6716



60.4867, 57.6692, 102.5510



66.3179, 61.6068, 93.9849



15.6770, 15.9761, 20.8000



9.0253, 3.6271, 46.7624



0.8262, 0.3358, 4.1115

Inverse Universe

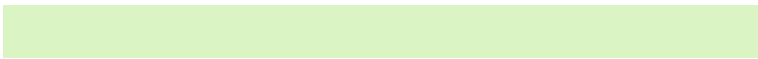
The Inverse Universe completely reimagines the original color for something new.



72.9272, 65.0662, 91.9370



77.9279, 66.7308, 100.1865



71.1102, 83.5321, 64.6026



17.1663, 16.7494, 20.6223



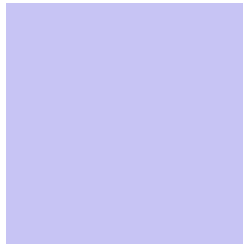
27.9772, 13.5343, 41.4499



2.4722, 1.1949, 3.7131

Previews

White Background



This preview shows how the XYZ color 59.6222, 58.1536, 93.6703 looks on a white background.

Color Contrast Check

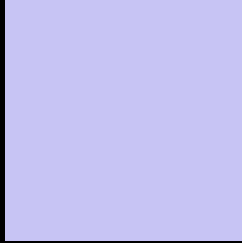
Large Text (above 18pt) WCAG AA × Fail

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 59.6222, 58.1536, 93.6703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

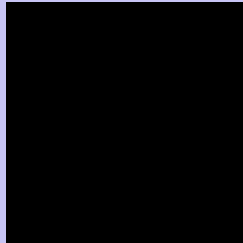
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6222, 58.1536, 93.6703

Background



This preview shows how black text looks on a background with the XYZ color 59.6222, 58.1536, 93.6703.

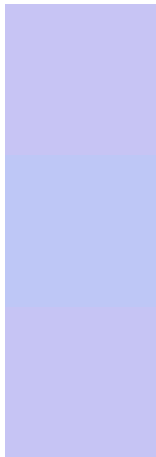


This preview shows how white text looks on a background with the XYZ color 59.6222, 58.1536,

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

59.6222, 58.1536, 93.6703

Protanopia

58.2932, 58.4478, 95.3980

Deuteranopia

59.3578, 58.0173, 93.6579



Tritanopia

55.6592, 58.2524, 73.9559

Trichromacy



Original Color

59.6222, 58.1536, 93.6703

Protanomaly

58.6678, 58.3182, 94.5506

Deuteranomaly

59.3578, 58.0173, 93.6579

Tritanomaly

57.0535, 58.1287, 80.8860

Monochromacy



Original Color

59.6222, 58.1536, 93.6703

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2661, 58.7358, 73.9645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6222, 58.1536, 93.6703 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(199, 196, 244)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 244)  
}
```

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(199, 196, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 244) }
```

Border

The CSS property to change the border of an element to XYZ 59.6222, 58.1536, 93.6703 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(199, 196, 244) }
```


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

```
.border{ border-color:rgb(199, 196, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 244);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6222, 58.1536, 93.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 244) }
```

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

```
.background{ background-color: rgb(199,  
196, 244) }
```

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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