

Converting Colors

XYZ(60.1809, 59.8299, 91.0054)

Have a look what the booklet for
XYZ(60.1809, 59.8299, 91.0054)
contains.

XYZ(60.2019, 59.8792, 90.8229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.2019, 59.8792,
90.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C8F0
RGB	200, 200, 240
RGB Percent	78%, 78%, 94%
CMY	0.2157, 0.2157, 0.0588
CMYK	0.17, 0.17, 0.00, 0.06
HSL	240°, 57%, 86%
HSV	240°, 17%, 94%
XYZ	60.2019, 59.8792, 90.8229
YIQ	204.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

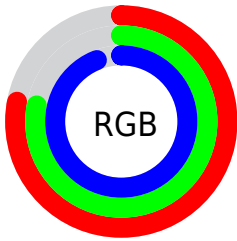
Format	Color
R _Y B	200, 200, 240
Decimal	13158640
CIE Lab	81.77, 7.97, -19.69
CIE LCh	82, 21.244, 292.021
Yxy	59.8792, 0.2854, 0.2839
Android (android.graphics.Color)	4291348720 (0xFFC8C8F0)
YUV	204.5600, 17.4719, -3.9991
Hunter-Lab	77.3817, 3.4527, -15.4216

Details

The XYZ color **60.2019, 59.8792, 90.8229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5211, 85.0155, 66.9689**, and the grayscale version is **57.6491, 60.6513, 66.0493**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7847, 30.1295, 49.5404** is the 20% darker color. If you saturate the color by 10%, you get **49.1598, 46.5746, 88.8378**, and if you desaturate by 10%, it is **73.1262, 75.4522, 93.1486**.

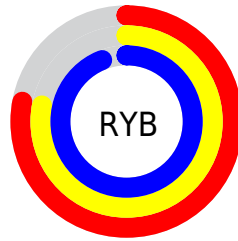
Distribution



Red (78%)

Green (78%)

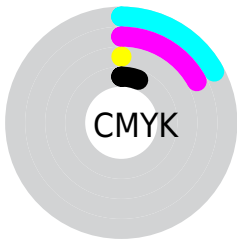
Blue (94%)



Red (78%)

Yellow (78%)

Blue (94%)

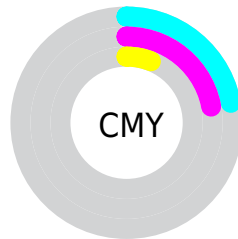


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2019, 59.8792, 90.8229 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 60.2019, 59.8792, 90.8229 by changing the saturation by 10% instead.

■ 60.2019, 59.8792,
90.8229

■ 60.2019, 59.8792,
90.8229

415.1644,
424.1524, 551.3431

■ 43.8315, 43.3213,
68.0858

104.2272,
104.6544, 150.4264

■ 30.7354, 30.1373,
49.5004

132.6127,
133.6405, 188.1299

■ 20.5483, 19.9428,
34.6482

165.7340,
167.5381, 231.6593

■ 12.9048, 12.3535,
23.1106

203.9565,
206.7315, 281.4330

■ 7.4396, 6.9849,
14.4692

247.6454,
251.6053, 337.8698

■ 3.7872, 3.4527,
8.3052

297.1661,

■ 1.5825, 1.3724,

302.5438, 401.3880

4.2003

352.8840,
359.9313, 472.4063

■ 0.3810, 0.1962,
1.7359

■ 0.0000, 0.0000,
0.3851

■ 60.2019, 59.8792,
90.8229

■ 60.2019, 59.8792,
90.8229

■ 49.1598, 46.5746,
88.8378

■ 73.1262, 75.4522,
93.1486

■ 39.9070, 35.4256,
87.1735

■ 88.0089, 93.3846,
95.8255

■ 32.3509, 26.3210,
85.8144

■ 92.7284, 99.0713,
96.6744

■ 26.3887, 19.1369,
84.7420

■ 21.9062, 13.7356,
83.9357

■ 18.7740, 9.9615,
83.3723

■ 16.8409, 7.6321,
83.0245

■ 15.9155, 6.5169,
82.8581

■ 15.7285, 6.2916,
82.8244

Harmonies

Analogous

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



55.7270, 59.8792, 92.7822



60.2019, 59.8792, 90.8229



63.9708, 59.8792, 81.5734

Triad

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



60.2019, 59.8792, 90.8229



62.3758, 59.8792, 47.6349



48.8083, 59.8792, 61.8363

Complementary

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



60.2019, 59.8792, 90.8229



77.5211, 85.0155, 66.9689

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.



50.3951, 59.8792, 51.1758



60.2019, 59.8792, 90.8229



58.1164, 59.8792, 43.7073

Square

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



60.2019, 59.8792, 90.8229



65.2710, 59.8792, 56.3858



53.7469, 59.8792, 44.9129



49.3015, 59.8792, 74.8841

Rectangle

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



60.2019, 59.8792, 90.8229



65.4988, 59.8792, 73.1064



53.7469, 59.8792, 44.9129



49.1131, 59.8792, 57.8820

Sweetspot

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



60.2038, 59.8817, 90.8242



86.5806, 89.7951, 107.3766



70.6100, 80.8524, 93.8053



18.2869, 18.9247, 22.9390



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.



60.2038, 59.8817, 90.8242



64.5453, 63.2443, 103.4132



65.6976, 62.7132, 91.0812



14.8974, 15.2289, 19.8759



8.6099, 3.4441, 45.3389



0.7163, 0.2866, 3.7718

Inverse Universe

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



67.0163, 64.0055, 63.4685



73.7322, 68.8055, 66.5230



71.3040, 81.8113, 66.6782



15.7729, 15.7589, 16.3603



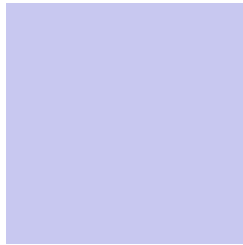
19.6715, 10.1410, 0.9209



1.6365, 0.8436, 0.0767

Previews

White Background



This preview shows how the XYZ color 60.2019, 59.8792, 90.8229 looks on a white background.

Color Contrast Check

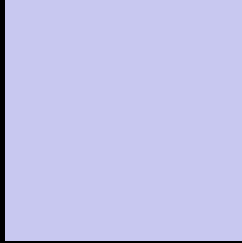
Large Text (above 18pt) WCAG AA × Fail

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 60.2019, 59.8792, 90.8229 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 60.2019, 59.8792, 90.8229

Background



This preview shows how black text looks on a background with the XYZ color 60.2019, 59.8792, 90.8229.



This preview shows how white text looks on a background with the XYZ color 60.2019, 59.8792,

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

60.2019, 59.8792, 90.8229

Protanopia

59.2695, 59.7263, 91.6236

Deuteranopia

61.0991, 59.6586, 90.7331



Tritanopia

57.2761, 60.0888, 76.2897

Trichromacy



Original Color

60.2019, 59.8792, 90.8229

Protanomaly

59.7898, 59.9945, 91.6479

Deuteranomaly

60.7802, 59.8346, 90.7839

Tritanomaly

58.2470, 60.1282, 81.2090

Monochromacy



Original Color

60.2019, 59.8792, 90.8229

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.6394, 60.4703, 74.9110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2019, 59.8792, 90.8229 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(200, 200, 240)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 240)  
}
```

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(200, 200, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 240) }
```

Border

The CSS property to change the border of an element to XYZ 60.2019, 59.8792, 90.8229 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(200, 200, 240) }
```


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

```
.border{ border-color:rgb(200, 200, 240) }
```

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

Here you see how a box with a 4 pixel rgb(200, 200, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 240);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2019, 59.8792, 90.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 240) }
```

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

```
.background{ background-color: rgb(200,  
200, 240) }
```

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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