

Converting Colors

XYZ(60.1451, 58.1589, 90.4939)

Have a look what the booklet for
XYZ(60.1451, 58.1589, 90.4939)
contains.

XYZ(60.1451, 58.1589, 90.4939)	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(60.1451, 58.1589,
90.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC3F0
RGB	204, 195, 240
RGB Percent	80%, 76%, 94%
CMY	0.2000, 0.2353, 0.0588
CMYK	0.15, 0.19, 0.00, 0.06
HSL	252°, 60%, 85%
HSV	252°, 19%, 94%
XYZ	60.1451, 58.1589, 90.4939
YIQ	202.8210, -9.0810, 15.9030

Conversions

Conversions Part 2

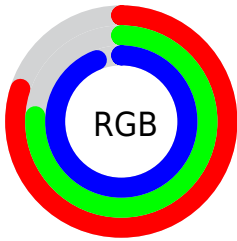
Format	Color
RYB	204, 195, 240
Decimal	13419504
CIELab	80.83, 11.91, -21.10
CIElCh	81, 24.224, 299.437
Yxy	58.1589, 0.2881, 0.2785
Android (android.graphics.Color)	4291609584 (0xFFCCC3F0)
YUV	202.8210, 18.3292, 1.0340
Hunter-Lab	76.2620, 7.3181, -16.9712

Details

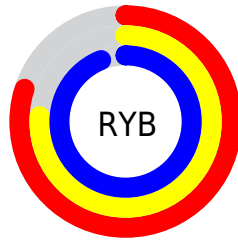
The XYZ color **60.1451, 58.1589, 90.4939** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.9675, 83.2508, 63.8030**, and the grayscale version is **56.5468, 59.4916, 64.7864**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **30.5710, 28.9000, 49.3144** is the 20% darker color. If you saturate the color by 10%, you get **50.2517, 45.7084, 88.6131**, and if you desaturate by 10%, it is **71.5552, 72.6771, 92.6958**.

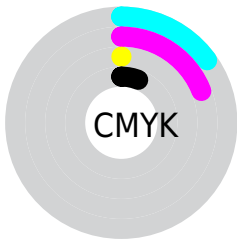
Distribution



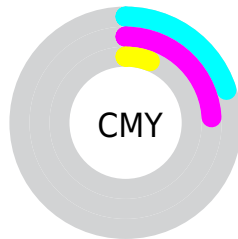
- Red (80%)
- Green (76%)
- Blue (94%)



- Red (80%)
- Yellow (76%)
- Blue (94%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1451, 58.1589, 90.4939 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 60.1451, 58.1589, 90.4939 by changing the saturation by 10% instead.

60.1451, 58.1589,
90.4939

60.1451, 58.1589,
90.4939

414.9586,
417.7778, 550.2477

43.7855, 41.9364,
67.8143

104.1453,
102.1542, 149.9658

30.6991, 29.0515,
49.2810

132.5166,
130.6958, 187.5951

20.5205, 19.1198,
34.4752

165.6225,
164.1126, 231.0449

12.8844, 11.7569,
22.9786

203.8283,
202.7889, 280.7335

7.4255, 6.5783,
14.3726

247.4995,
247.1092, 337.0795

3.7783, 3.1998,
8.2385

297.0014,

1.5775, 1.2369,

297.4579, 400.5016

4.1580

352.6993,
354.2193, 471.4181

■ 0.3777, 0.0916,
1.7124

■ 0.0000, 0.0000,
0.3692

■ 60.1451, 58.1589,
90.4939

■ 60.1451, 58.1589,
90.4939

■ 50.2517, 45.7084,
88.6131

■ 71.5552, 72.6771,
92.6958

■ 41.8049, 35.2240,
87.0346

■ 84.5373, 89.3443,
95.2286

■ 34.7369, 26.6059,
85.7436

■ 92.7284, 99.0713,
96.6744

■ 28.9724, 19.7430,
84.7228

■ 24.4286, 14.5120,
83.9526

■ 21.0126, 10.7731,
83.4110

■ 18.6170, 8.3624,
83.0719

■ 17.0958, 7.0447,
82.8977

■ 16.9468, 6.9195,
82.8814

Harmonies

Analogous

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



55.1838, 58.1589, 95.0830



60.1451, 58.1589, 90.4939



63.9875, 58.1589, 78.4016

Triad

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



60.1451, 58.1589, 90.4939



60.3184, 58.1589, 42.4309



46.2013, 58.1589, 63.0549

Complementary

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



60.1451, 58.1589, 90.4939



73.9675, 83.2508, 63.8030

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.



47.3975, 58.1589, 50.3171



60.1451, 58.1589, 90.4939



55.3728, 58.1589, 39.5664

Square

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



60.1451, 58.1589, 90.4939



64.0918, 58.1589, 50.7203



50.6814, 58.1589, 42.2240



47.3123, 58.1589, 77.8623

Rectangle

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



60.1451, 58.1589, 90.4939



65.2907, 58.1589, 68.5139



50.6814, 58.1589, 42.2240



46.3457, 58.1589, 58.4053

Sweetspot

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



60.1469, 58.1613, 90.4952



86.0010, 88.3756, 107.1332



67.0221, 75.4677, 93.4733



18.2055, 18.6569, 22.8916



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.



60.1469, 58.1613, 90.4952



65.0623, 61.7397, 103.0956



66.5309, 61.4524, 90.7940



15.1924, 15.3809, 19.8897



9.3625, 3.8319, 45.3741



0.8572, 0.3591, 3.7784

Inverse Universe

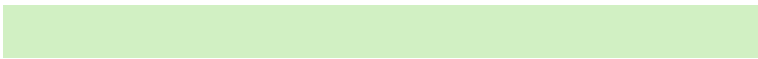
The Inverse Universe completely reimagines the original color for something new.



69.8761, 63.3275, 84.1447



77.9365, 68.5793, 94.5443



67.3776, 79.8536, 63.4946



16.3109, 15.9741, 19.1934



24.9291, 12.2441, 28.6071



2.1079, 1.0322, 2.5589

Previews

White Background



This preview shows how the XYZ color 60.1451, 58.1589, 90.4939 looks on a white background.

Color Contrast Check

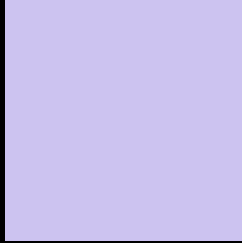
Large Text (above 18pt) WCAG AA × Fail

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 60.1451, 58.1589, 90.4939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

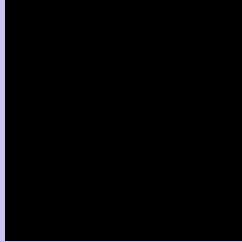
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1451, 58.1589, 90.4939

Background



This preview shows how black text looks on a background with the XYZ color 60.1451, 58.1589, 90.4939.



This preview shows how white text looks on a background with the XYZ color 60.1451, 58.1589,

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

60.1451, 58.1589, 90.4939

Protanopia

58.0869, 58.3943, 93.0037

Deuteranopia

59.5555, 58.1886, 90.5307



Tritanopia

56.5086, 58.0325, 72.5130

Trichromacy



Original Color

60.1451, 58.1589, 90.4939

Protanomaly

58.9860, 58.5347, 92.1938

Deuteranomaly

59.8252, 58.3277, 90.5433

Tritanomaly

57.7360, 58.1875, 78.7093

Monochromacy



Original Color

60.1451, 58.1589, 90.4939

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6775, 58.9629, 73.3068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1451, 58.1589, 90.4939 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(204, 195, 240)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 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(204, 195, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 240) }
```

Border

The CSS property to change the border of an element to XYZ 60.1451, 58.1589, 90.4939 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(204, 195, 240) }
```


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

```
.border{ border-color:rgb(204, 195, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 240);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1451, 58.1589, 90.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 240) }
```

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

```
.background{ background-color: rgb(204,  
195, 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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