

Converting Colors

XYZ(63.9298, 61.7568,
123.4580)

Have a look what the booklet for
XYZ(63.9298, 61.7568, 123.4580)
contains.

XYZ(60.1568, 60.2799, 103.0723)	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(60.1568, 60.2799,
103.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCAFF
RGB	189, 202, 255
RGB Percent	74%, 79%, 100%
CMY	0.2588, 0.2078, 0.0000
CMYK	0.26, 0.21, 0.00, 0.00
HSL	228°, 100%, 87%
HSV	228°, 26%, 100%
XYZ	60.1568, 60.2799, 103.0723
YIQ	204.1550, -24.7610, 13.7270

Conversions

Conversions Part 2

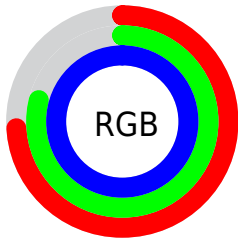
Format	Color
R _Y B	189, 200, 255
Decimal	12438271
CIE Lab	81.99, 6.92, -27.43
CIE LCh	82, 28.288, 284.160
Yxy	60.2799, 0.2691, 0.2697
Android (android.graphics.Color)	4290628351 (0xFFBDCAFF)
YUV	204.1550, 25.0666, -13.2909
Hunter-Lab	77.6401, 2.4344, -24.3632

Details

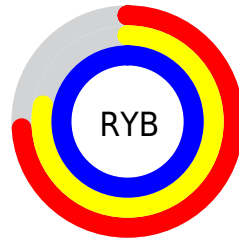
The XYZ color **60.1568, 60.2799, 103.0723** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1775, 88.4379, 60.8849**, and the grayscale version is **57.3517, 60.3385, 65.7086**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.6145, 30.3254, 57.6659** is the 20% darker color. If you saturate the color by 10%, you get **49.8888, 48.3224, 101.3055**, and if you desaturate by 10%, it is **72.1778, 74.0903, 105.1044**.

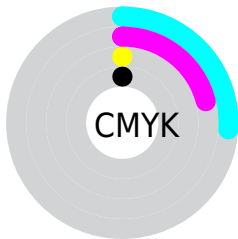
Distribution



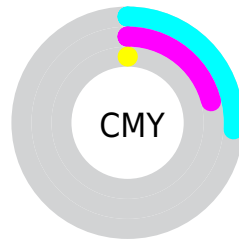
- Red (74%)
- Green (79%)
- Blue (100%)



- Red (74%)
- Yellow (78%)
- Blue (100%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1568, 60.2799, 103.0723 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 60.1568, 60.2799, 103.0723 by changing the saturation by 10% instead.

■ 60.1568, 60.2799,
103.0723

■ 60.1568, 60.2799,
103.0723

415.0010,
425.6287, 591.3291

■ 43.7950, 43.6443,
78.2377

■ 104.1621,
105.2356, 167.4614

■ 30.7066, 30.3910,
57.7516

132.5364,
134.3245, 207.8530

■ 20.5262, 20.1355,
41.1956

165.6454,
168.3332, 254.2674

■ 12.8886, 12.4936,
28.1511

203.8547,
207.6462, 307.1230

■ 7.4284, 7.0808,
18.1996

247.5296,
252.6478, 366.8384

■ 3.7801, 3.5127,
10.9224

297.0353,

■ 1.5785, 1.4049,

303.7225, 433.8322

5.9012

352.7373,
361.2547, 508.5229

■ 0.3783, 0.2203,
2.7173

■ 0.0000, 0.0000,
0.9521

■ 60.1568, 60.2799,
103.0723

■ 60.1568, 60.2799,
103.0723

■ 49.8888, 48.3224,
101.3055

■ 72.1778, 74.0903,
105.1044

■ 41.2855, 38.1311,
99.7918

■ 86.0241, 89.8215,
107.4111

■ 34.2585, 29.6223,
98.5198

95.0500, 100.0000,
108.9000

■ 28.7090, 22.7028,
97.4767

■ 24.5265, 17.2699,
96.6485

■ 21.5841, 13.2079,
96.0195

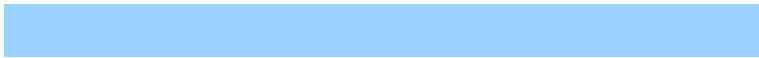
■ 19.7285, 10.3817,
95.5718

■ 19.2006, 9.5212,
95.4335

Harmonies

Analogous

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



54.2092, 60.2799, 102.7347



60.1568, 60.2799, 103.0723



65.6941, 60.2799, 92.2409

Triad

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



60.1568, 60.2799, 103.0723



65.9559, 60.2799, 45.2413



46.9178, 60.2799, 57.0408

Complementary

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



60.1568, 60.2799, 103.0723



82.1775, 88.4379, 60.8849

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.



49.6428, 60.2799, 44.7102



60.1568, 60.2799, 103.0723



60.4941, 60.2799, 38.7522

Square

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



60.1568, 60.2799, 103.0723



69.1968, 60.2799, 57.8951



54.5240, 60.2799, 38.5765



46.8414, 60.2799, 74.0347

Rectangle

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



60.1568, 60.2799, 103.0723



68.2921, 60.2799, 81.0784



54.5240, 60.2799, 38.5765



47.5454, 60.2799, 52.2881

Sweetspot

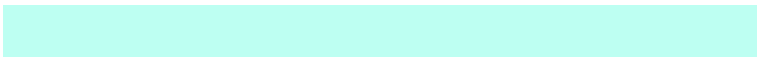
The Sweet Spot groups the original color and five complimentary colors.



60.1585, 60.2822, 103.0727



82.9340, 86.3241, 106.8989



72.7441, 88.7380, 97.1416



17.2927, 17.9569, 22.8046



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.



60.1585, 60.2822, 103.0727



54.6881, 53.9342, 102.1357



62.4868, 57.1430, 102.3440



17.2927, 17.9569, 22.8046



10.1143, 5.1382, 49.8933



1.0567, 0.6440, 4.8819

Inverse Universe

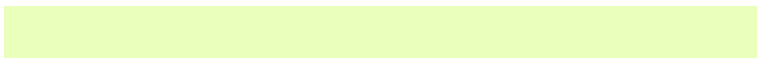
The Inverse Universe completely reimagines the original color for something new.



70.0994, 61.9210, 64.1370



66.2171, 56.0757, 56.9259



79.2730, 92.8906, 61.8975



18.1556, 18.0456, 19.4366



21.8934, 11.2467, 2.8233



2.1680, 1.1096, 0.4659

Previews

White Background



This preview shows how the XYZ color 60.1568, 60.2799, 103.0723 looks on a white background.

Color Contrast Check

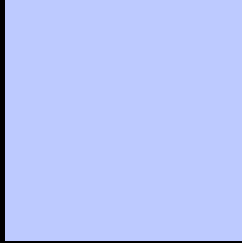
Large Text (above 18pt) WCAG AA × Fail

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 60.1568, 60.2799, 103.0723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

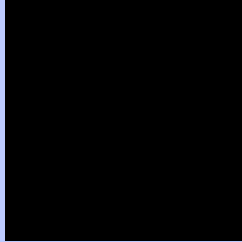
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1568, 60.2799, 103.0723

Background



This preview shows how black text looks on a background with the XYZ color 60.1568, 60.2799, 103.0723.



This preview shows how white text looks on a background with the XYZ color 60.1568, 60.2799,

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

60.1568, 60.2799, 103.0723

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

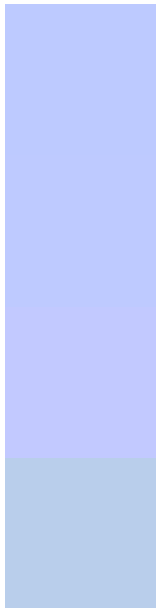
61.7302, 60.3989, 103.0124



Tritanopia

55.5389, 60.5608, 79.2832

Trichromacy



Original Color

60.1568, 60.2799, 103.0723

Protanomaly

60.4057, 60.4082, 103.0840

Deuteranomaly

61.1848, 60.4626, 103.0534

Tritanomaly

57.0743, 60.4551, 87.2581

Monochromacy



Original Color

60.1568, 60.2799, 103.0723

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2284, 60.1817, 78.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1568, 60.2799, 103.0723 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(189, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 202, 255)  
}
```

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(189, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1568, 60.2799, 103.0723 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(189, 202, 255) }
```


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

```
.border{ border-color:rgb(189, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1568, 60.2799, 103.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 202, 255) }
```

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

```
.background{ background-color: rgb(189,  
202, 255) }
```

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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