

Converting Colors

XYZ(69.3901, 64.3898,
149.8064)

Have a look what the booklet for
XYZ(69.3901, 64.3898, 149.8064)
contains.

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Color

**XYZ(60.6411, 60.8790,
103.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	BECBFF
RGB	190, 203, 255
RGB Percent	75%, 80%, 100%
CMY	0.2549, 0.2039, 0.0000
CMYK	0.25, 0.20, 0.00, 0.00
HSL	228°, 100%, 87%
HSV	228°, 25%, 100%
XYZ	60.6411, 60.8790, 103.1624
YIQ	205.0410, -24.4400, 13.4160

Conversions

Conversions Part 2

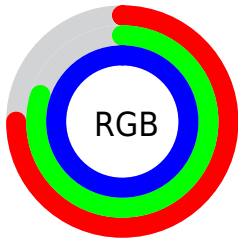
Format	Color
RYB	190, 201, 255
Decimal	12504063
CIELab	82.31, 6.67, -26.93
CIElCh	82, 27.743, 283.921
Yxy	60.8790, 0.2699, 0.2710
Android (android.graphics.Color)	4290694143 (0xFFBECBFF)
YUV	205.0410, 24.6298, -13.1910
Hunter-Lab	78.0250, 2.1866, -23.7740

Details

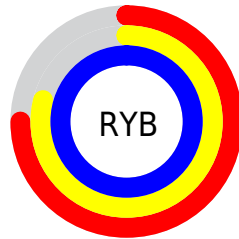
The XYZ color **60.6411, 60.8790, 103.1624** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2864, 88.4814, 61.4586**, and the grayscale version is **57.9153, 60.9314, 66.3543**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **30.9322, 30.7230, 57.7259** is the 20% darker color. If you saturate the color by 10%, you get **50.3159, 48.8703, 101.3887**, and if you desaturate by 10%, it is **72.7179, 74.7345, 105.2003**.

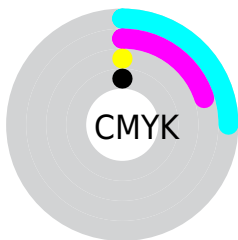
Distribution



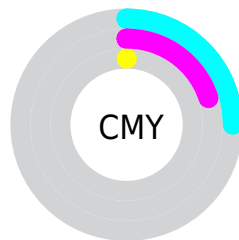
- Red (75%)
- Green (80%)
- Blue (100%)



- Red (75%)
- Yellow (79%)
- Blue (100%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6411, 60.8790, 103.1624 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 60.6411, 60.8790, 103.1624 by changing the saturation by 10% instead.

■ 60.6411, 60.8790,
103.1624

■ 60.6411, 60.8790,
103.1624

416.7538,
427.8302, 591.6178

■ 44.1870, 44.1275,
78.3127

■ 104.8602,
106.1037, 167.5860

■ 31.0161, 30.7708,
57.8129

133.3559,
135.3457, 207.9968

■ 20.7630, 20.4244,
41.2445

166.5962,
169.5201, 254.4319

■ 13.0623, 12.7039,
28.1891

204.9464,
209.0111, 307.3095

■ 7.5488, 7.2250,
18.2279

248.7719,
254.2033, 367.0484

■ 3.8570, 3.6032,
10.9426

298.4381,

■ 1.6215, 1.4542,

305.4809, 434.0671

5.9146

354.3103,
363.2284, 508.7840

■ 0.4064, 0.2561,
2.7253

■ 0.0000, 0.0000,
0.9561

■ 60.6411, 60.8790,
103.1624

■ 60.6411, 60.8790,
103.1624

■ 50.3159, 48.8703,
101.3887

■ 72.7179, 74.7345,
105.2003

■ 41.6545, 38.6223,
99.8672

■ 86.6180, 90.5040,
107.5115

■ 34.5691, 30.0525,
98.5865

95.0500, 100.0000,
108.9000

■ 28.9617, 23.0687,
97.5340

■ 24.7227, 17.5693,
96.6959

■ 21.7265, 13.4402,
96.0568

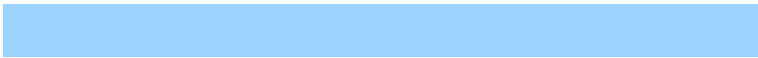
■ 19.8216, 10.5483,
95.5990

■ 19.2341, 9.5882,
95.4447

Harmonies

Analogous

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



54.7729, 60.8790, 102.7370



60.6411, 60.8790, 103.1624



66.1103, 60.8790, 92.6028

Triad

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



60.6411, 60.8790, 103.1624



66.4416, 60.8790, 46.1762



47.6162, 60.8790, 57.6751

Complementary

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



60.6411, 60.8790, 103.1624



82.2864, 88.4814, 61.4586

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.



50.3330, 60.8790, 45.4985



60.6411, 60.8790, 103.1624



61.0686, 60.8790, 39.6734

Square

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



60.6411, 60.8790, 103.1624



69.6102, 60.8790, 58.7608



55.1724, 60.8790, 39.4486



47.5190, 60.8790, 74.4297

Rectangle

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



60.6411, 60.8790, 103.1624



68.6831, 60.8790, 81.6490



55.1724, 60.8790, 39.4486



48.2446, 60.8790, 52.9837

Sweetspot

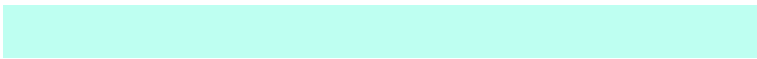
The Sweet Spot groups the original color and five complimentary colors.



60.6429, 60.8814, 103.1628



82.9521, 86.3603, 106.9049



72.8608, 88.8135, 96.4569



17.2972, 17.9660, 22.8061



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.



60.6429, 60.8814, 103.1628



54.7406, 54.0392, 102.1532



62.5944, 57.5189, 102.4109



17.2972, 17.9660, 22.8061



10.1328, 5.1752, 49.8994



1.0591, 0.6489, 4.8827

Inverse Universe

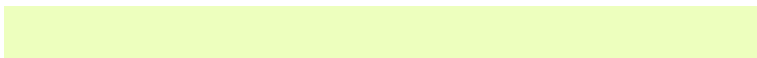
The Inverse Universe completely reimagines the original color for something new.



70.4341, 62.4002, 64.8347



66.2436, 56.0863, 57.0654



79.8410, 93.1709, 62.4926



18.1579, 18.0465, 19.4486



21.9028, 11.2504, 2.8725



2.1692, 1.1100, 0.4724

Previews

White Background



This preview shows how the XYZ color 60.6411, 60.8790, 103.1624 looks on a white background.

Color Contrast Check

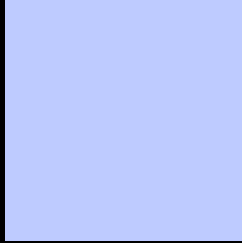
Large Text (above 18pt) WCAG AA × Fail

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 60.6411, 60.8790, 103.1624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

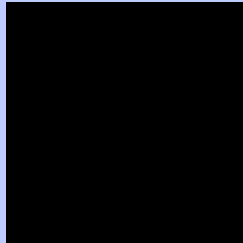
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6411, 60.8790, 103.1624

Background



This preview shows how black text looks on a background with the XYZ color 60.6411, 60.8790, 103.1624.



This preview shows how white text looks on a background with the XYZ color 60.6411, 60.8790,

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

60.6411, 60.8790, 103.1624

Protanopia

60.9088, 60.6675, 103.1075

Deuteranopia

62.2253, 60.9991, 103.1021



Tritanopia

55.9136, 60.7383, 80.0109

Trichromacy



Original Color

60.6411, 60.8790, 103.1624

Protanomaly

60.6564, 60.5374, 103.0957

Deuteranomaly

61.6762, 61.0632, 103.1434

Tritanomaly

57.4613, 60.6378, 88.0326

Monochromacy



Original Color

60.6411, 60.8790, 103.1624

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7316, 60.7928, 78.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6411, 60.8790, 103.1624 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(190, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 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(190, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.6411, 60.8790, 103.1624 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(190, 203, 255) }
```


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

```
.border{ border-color:rgb(190, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6411, 60.8790, 103.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 255) }
```

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

```
.background{ background-color: rgb(190,  
203, 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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