

Converting Colors

XYZ(60.1310, 63.2859, 95.4333)

Have a look what the booklet for
XYZ(60.1310, 63.2859, 95.4333)
contains.

XYZ(60.2671, 63.3771, 95.4428)	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(60.2671, 63.3771,
95.4428)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD2F5
RGB	188, 210, 245
RGB Percent	74%, 82%, 96%
CMY	0.2627, 0.1765, 0.0392
CMYK	0.23, 0.14, 0.00, 0.04
HSL	217°, 74%, 85%
HSV	217°, 23%, 96%
XYZ	60.2671, 63.3771, 95.4428
YIQ	207.4120, -24.3470, 6.2210

Conversions

Conversions Part 2

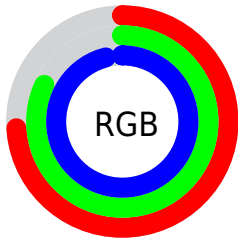
Format	Color
R _Y B	188, 204, 245
Decimal	12374773
CIE Lab	83.64, 0.07, -19.61
CIE LCh	84, 19.613, 270.202
Yxy	63.3771, 0.2751, 0.2893
Android (android.graphics.Color)	4290564853 (0xFFBCD2F5)
YUV	207.4120, 18.5309, -17.0243
Hunter-Lab	79.6097, -4.1869, -15.3550

Details

The XYZ color **60.2671, 63.3771, 95.4428** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.1218, 75.8192, 58.3593**, and the grayscale version is **59.4708, 62.5680, 68.1365**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **30.9053, 32.5194, 52.7921** is the 20% darker color. If you saturate the color by 10%, you get **51.1955, 53.4451, 94.0049**, and if you desaturate by 10%, it is **70.7163, 74.5407, 97.0479**.

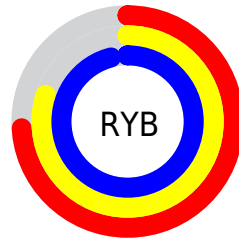
Distribution



Red (74%)

Green (82%)

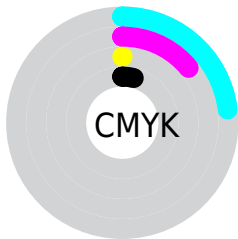
Blue (96%)



Red (74%)

Yellow (80%)

Blue (96%)

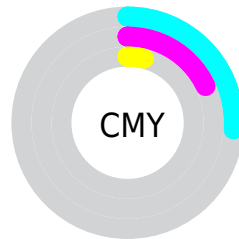


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2671, 63.3771, 95.4428 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 60.2671, 63.3771, 95.4428 by changing the saturation by 10% instead.

■ 60.2671, 63.3771,
95.4428

■ 60.2671, 63.3771,
95.4428

415.4006,
436.9368, 566.6021

■ 43.8842, 46.1463,
71.9047

■ 104.3212,
109.7134, 156.8770

■ 30.7770, 32.3613,
52.5944

132.7231,
139.5877, 195.6102

■ 20.5801, 21.6376,
37.0936

165.8621,
174.4453, 240.2455

■ 12.9281, 13.5909,
24.9836

204.1035,
214.6706, 291.2014

■ 7.4557, 7.8367,
15.8459

247.8127,
260.6480, 348.8965

■ 3.7976, 3.9906,
9.2620

297.3551,

■ 1.5883, 1.6683,

312.7619, 413.7492

4.8133

353.0959,
371.3967, 486.1783

■ 0.3847, 0.4030,
2.0813

■ 0.0000, 0.0000,
0.6046

■ 60.2671, 63.3771,
95.4428

■ 60.2671, 63.3771,
95.4428

■ 51.1955, 53.4451,
94.0049

■ 70.7163, 74.5407,
97.0479

■ 43.4342, 44.6912,
92.7243

■ 82.5946, 86.9713,
98.8212

■ 36.9192, 37.0689,
91.5964

■ 93.4816, 99.3727,
100.6411

■ 31.5778, 30.5254,
90.6149

■ 27.3295, 25.0026,
89.7728

■ 24.0820, 20.4358,
89.0625

■ 21.7253, 16.7498,
88.4753

■ 20.5352, 14.6997,
88.1423

Harmonies

Analogous

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



56.2293, 63.3771, 91.6160



60.2671, 63.3771, 95.4428



64.4856, 63.3771, 91.5155

Triad

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



60.2671, 63.3771, 95.4428



67.6557, 63.3771, 57.7871



53.3566, 63.3771, 57.9153

Complementary

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



60.2671, 63.3771, 95.4428



73.1218, 75.8192, 58.3593

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.



56.1812, 63.3771, 50.5293



60.2671, 63.3771, 95.4428



64.4330, 63.3771, 50.4617

Square

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



60.2671, 63.3771, 95.4428



68.8733, 63.3771, 68.9237



60.2090, 63.3771, 47.9676



52.3565, 63.3771, 69.0902

Rectangle

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



60.2671, 63.3771, 95.4428



66.8037, 63.3771, 85.2678



60.2090, 63.3771, 47.9676



54.1173, 63.3771, 54.9570

Sweetspot

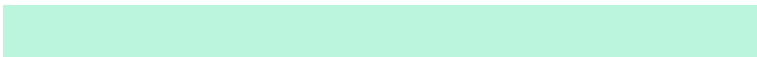
The Sweet Spot groups the original color and five complimentary colors.



60.2691, 63.3797, 95.4442



85.3879, 89.9758, 107.4744



66.6045, 81.2821, 81.4279



18.1062, 19.0806, 22.9786



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.



60.2691, 63.3797, 95.4442



61.0555, 64.0291, 103.7486



56.6375, 53.9905, 93.8234



16.1056, 16.9755, 20.9703



11.1868, 8.1673, 47.5249



1.0796, 0.9107, 4.2091

Inverse Universe

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



67.2739, 60.0338, 69.0175



70.0755, 60.0862, 69.6377



77.4287, 87.3398, 60.3561



16.7639, 16.5884, 18.5032



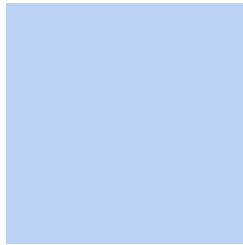
21.4511, 10.9239, 7.0837



1.9340, 0.9796, 0.8789

Previews

White Background



This preview shows how the XYZ color 60.2671, 63.3771, 95.4428 looks on a white background.

Color Contrast Check

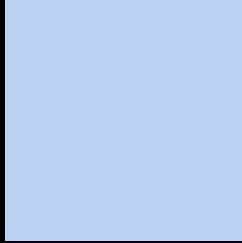
Large Text (above 18pt) WCAG AA × Fail

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 60.2671, 63.3771, 95.4428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

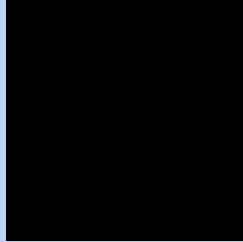
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

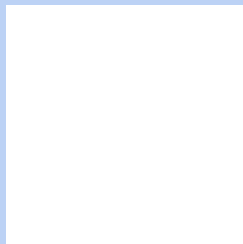
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2671, 63.3771, 95.4428

Background



This preview shows how black text looks on a background with the XYZ color 60.2671, 63.3771, 95.4428.



This preview shows how white text looks on a background with the XYZ color 60.2671, 63.3771,

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

60.2671, 63.3771, 95.4428

Protanopia

62.3364, 63.0312, 93.6748

Deuteranopia

64.5688, 63.0673, 95.9588



Tritanopia

58.0848, 63.6160, 84.0806

Trichromacy



Original Color

60.2671, 63.3771, 95.4428

Protanomaly

61.4069, 62.8931, 94.4910

Deuteranomaly

63.0630, 63.3530, 96.0934

Tritanomaly

58.7886, 63.5242, 87.7602

Monochromacy



Original Color

60.2671, 63.3771, 95.4428

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4264, 62.6116, 77.3597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2671, 63.3771, 95.4428 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(188, 210, 245)` looks like.

```
.text, #text, p{  
    color:rgb(188, 210, 245)  
}
```

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(188, 210, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 245) }
```

Border

The CSS property to change the border of an element to XYZ 60.2671, 63.3771, 95.4428 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(188, 210, 245) }
```


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

```
.border{ border-color:rgb(188, 210, 245) }
```

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

Here you see how a box with a 4 pixel rgb(188, 210, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 210, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 210, 245);  
box-shadow:4px 4px 4px 4px rgb(188, 210,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2671, 63.3771, 95.4428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 245) }
```

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

```
.background{ background-color: rgb(188,  
210, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor