

Converting Colors

YUV(102.5320, 63.3347,
-60.9796)

Have a look what the booklet for
YUV(102.5320, 63.3347, -60.9796)
contains.

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Color

**YUV(102.5320, 63.3347,
-60.9796)**

Conversions

Conversions Part 1	
Format	Color
Hex	2171E7
RGB	33, 113, 231
RGB Percent	13%, 44%, 91%
CMY	0.8706, 0.5569, 0.0941
CMYK	0.86, 0.51, 0.00, 0.09
HSL	216°, 80%, 52%
HSV	216°, 86%, 91%
XYZ	20.9561, 17.9031, 77.9524
YIQ	102.5320, -85.5580, 19.7380

Conversions

Conversions Part 2

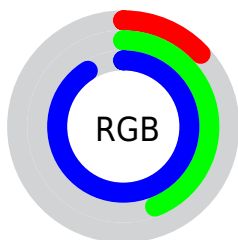
Format	Color
RYB	33, 90, 231
Decimal	2191847
CIELab	49.38, 20.26, -66.20
CIELCh	49, 69.227, 287.015
Yxy	17.9031, 0.1794, 0.1533
Android (android.graphics.Color)	4280381927 (0xFF2171E7)
YUV	102.5320, 63.3347, -60.9796
Hunter-Lab	42.3121, 14.3606, -79.6128

Details

The YUV color **102.5320, 63.3347, -60.9796** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **161.4680, -63.3347, 60.9796**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7230, 46.9716, -39.2221**, and **58.5780, 56.9030, -51.3729** is the 20% darker color. If you saturate the color by 10%, you get **87.4370, 70.7766, -67.9122**, and if you desaturate by 10%, it is **117.6270, 55.8929, -54.0469**.

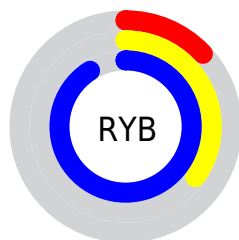
Distribution



Red (13%)

Green (44%)

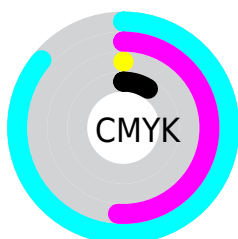
Blue (91%)



Red (13%)

Yellow (35%)

Blue (91%)

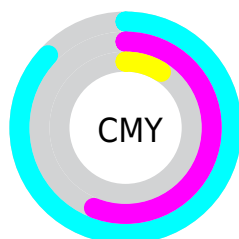


Cyan (86%)

Magenta (51%)

Yellow (0%)

Black (9%)



Cyan (87%)

Magenta (56%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.5320, 63.3347, -60.9796 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 YUV color 102.5320, 63.3347, -60.9796 by changing the saturation by 10% instead.


 102.5320, 63.3347,
-60.9796

 102.5320, 63.3347,
-60.9796


255.0000, 0.0000,
0.0000


 75.2710, 62.4774,
-66.0127


 159.7230, 46.9716,
-39.2221

 58.5780, 56.9030,
-51.3729


 185.1400, 34.4410,
-33.4488


 43.7600, 50.8973,
-38.3775


 210.8450, 21.7684,
-28.8051

 29.6430, 45.0390,
-25.9969

 236.5500, 9.0958,
-24.1614

 11.4170, 41.2064,
-10.0127

 250.5150, 2.2111,
-9.2217

 12.6760, 28.2607,
-11.1169

 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 102.5320, 63.3347,
-60.9796

■ 102.5320, 63.3347,
-60.9796

■ 87.4370, 70.7766,
-67.9122

■ 117.6270, 55.8929,
-54.0469

■ 80.9250, 73.9870,
-70.9712

■ 132.7220, 48.4511,
-47.1142

■ 147.2300, 41.2986,
-39.6667

■ 162.3250, 33.8568,
-32.7340

■ 177.4200, 26.4149,
-25.8013

■ 192.8140, 18.8257,
-18.2539

■ 207.3220, 11.6733,
-10.8064

■ 222.4170, 4.2314,
-3.8737

■ 237.5120, -3.2104,
3.0590

Harmonies

Analogous

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



104.0460, 63.5743, -91.2483



102.5320, 63.3347, -60.9796



119.7200, 38.5920, 35.3256

Triad

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



102.5320, 63.3347, -60.9796



108.7180, -38.8080, 80.9313



93.5000, -2.2185, -81.9995

Complementary

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



102.5320, 63.3347, -60.9796



161.4680, -63.3347, 60.9796

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.



90.3420, -32.7066, -56.4279



102.5320, 63.3347, -60.9796



110.3720, -54.4134, 46.1548

Square

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



102.5320, 63.3347, -60.9796



103.5750, -8.1715, 101.2277



106.5640, -52.5361, 3.8904



101.0410, 24.1368, -88.6130

Rectangle

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



102.5320, 63.3347, -60.9796



113.4060, 24.9428, 73.3119



106.5640, -52.5361, 3.8904



89.9320, -10.8125, -78.8704

Sweetspot

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



102.5320, 63.3347, -60.9796



211.7860, 21.3045, -19.9833



162.4500, -6.6308, -113.5276



101.9520, 12.8417, -12.2359



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



102.5320, 63.3347, -60.9796



89.5310, 81.5762, -78.5187



60.6550, 83.9801, -9.3444



107.3030, 3.7946, -3.7737



62.6700, 57.3507, -54.9616



18.1410, 16.1995, -15.9097

Inverse Universe

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



101.3220, 5.7573, 113.7276



87.9870, 7.4014, 146.4704



203.6440, -84.1275, 9.9592



107.1580, 0.4151, 6.8774



61.7290, 5.0636, 102.8467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 102.5320, 63.3347, -60.9796 looks on a white background.

Color Contrast Check

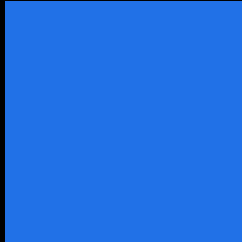
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 102.5320, 63.3347, -60.9796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

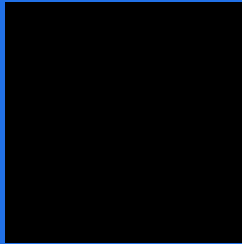
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

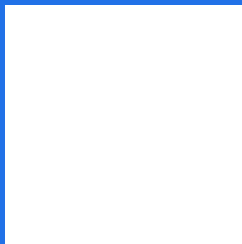
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 102.5320, 63.3347, -60.9796

Background



This preview shows how black text looks on a background with the YUV color 102.5320, 63.3347, -60.9796.



This preview shows how white text looks on a background with the YUV color 102.5320, 63.3347, -60.9796.

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

102.5320, 63.3347, -60.9796

Protanopia

104.2230, 62.0081, -55.4466

Deuteranopia

93.4510, 55.9797, -81.9565



Tritanopia

92.0420, 22.6573, -80.7208

Trichromacy



Original Color

102.5320, 63.3347, -60.9796

Protanomaly

103.3260, 62.4503, -57.2909

Deuteranomaly

96.8910, 58.7207, -74.4494

Tritanomaly

95.9840, 37.4759, -73.6540

Monochromacy



Original Color

102.5320, 63.3347, -60.9796

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2310, 23.0571, -22.1276

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5320, 63.3347, -60.9796 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(33, 113, 231)` looks like.

```
.text, #text, p{  
    color:rgb(33, 113, 231)  
}
```

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(33, 113, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 113, 231) }
```

Border

The CSS property to change the border of an element to YUV 102.5320, 63.3347, -60.9796 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(33, 113, 231) }
```


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

```
.border{ border-color:rgb(33, 113, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 113, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 113, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 113, 231);  
box-shadow:4px 4px 4px 4px rgb(33, 113,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 102.5320, 63.3347, -60.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 113, 231) }
```

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

```
.background{ background-color: rgb(33, 113,  
231) }
```

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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