

Converting Colors

YUV(58.5320, 90.4497,
-31.1616)

Have a look what the booklet for
YUV(58.5320, 90.4497, -31.1616)
contains.

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Color

**YUV(58.5320, 90.4497,
-31.1616)**

Conversions

Conversions Part 1

Format	Color
Hex	1729F2
RGB	23, 41, 242
RGB Percent	9%, 16%, 95%
CMY	0.9098, 0.8392, 0.0510
CMYK	0.90, 0.83, 0.00, 0.05
HSL	235°, 89%, 52%
HSV	235°, 90%, 95%
XYZ	17.1733, 8.1788, 84.6779
YIQ	58.5320, -75.2490, 58.6950

Conversions

Conversions Part 2

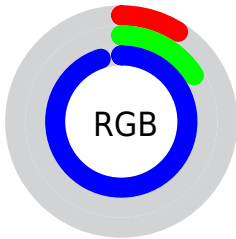
Format	Color
R _Y B	23, 40, 242
Decimal	1518066
CIE Lab	34.35, 65.63, -97.11
CIE LCh	34, 117.205, 304.053
Yxy	8.1788, 0.1561, 0.0743
Android (android.graphics.Color)	4279708146 (0xFF1729F2)
YUV	58.5320, 90.4497, -31.1616
Hunter-Lab	28.5987, 57.1403, -155.5330

Details

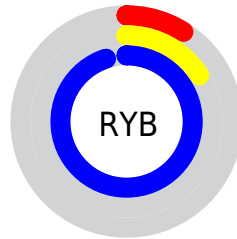
The YUV color **58.5320, 90.4497, -31.1616** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **206.4680, -90.4497, 31.1616**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9540, 67.0707, 0.9173**, and **20.9760, 80.3708, -18.3960** is the 20% darker color. If you saturate the color by 10%, you get **39.3280, 99.9173, -34.4907**, and if you desaturate by 10%, it is **78.6220, 80.5454, -27.7325**.

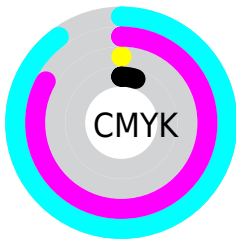
Distribution



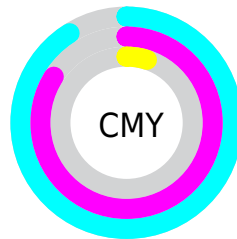
- Red (9%)
- Green (16%)
- Blue (95%)



- Red (9%)
- Yellow (16%)
- Blue (95%)



- Cyan (90%)
- Magenta (83%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (84%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.5320, 90.4497, -31.1616 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 58.5320, 90.4497, -31.1616 by changing the saturation by 10% instead.

■ 58.5320, 90.4497,
-31.1616

■ 58.5320, 90.4497,
-31.1616

■ 255.0000, 0.0000,
0.0000

■ 31.3260, 89.5653,
-27.4729

■ 118.9540, 67.0707,
0.9173

■ 20.9760, 80.3708,
-18.3960

■ 144.3820, 54.5347,
8.4350

■ 17.7840, 68.1405,
-15.5966

■ 170.0980, 41.8567,
14.8231

■ 14.7060, 56.3469,
-12.8972

■ 195.8140, 29.1787,
21.2111

■ 21.0200, 39.9231,
-18.4345

■ 221.8180, 16.3587,
26.4696

■ 14.6480, 30.7395,
-12.8463

■ 239.7380, 7.5242,

■ 9.0910, 22.1401,

13.3848

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 58.5320, 90.4497,
-31.1616

■ 58.5320, 90.4497,
-31.1616

■ 39.3280, 99.9173,
-34.4907

■ 78.6220, 80.5454,
-27.7325

■ 98.7120, 70.6410,
-24.3034

■ 119.6880, 60.2998,
-20.7744

■ 139.7780, 50.3954,
-17.3453

■ 159.8680, 40.4911,
-13.9162

■ 179.9580, 30.5867,
-10.4872

■ 200.0480, 20.6823,
-7.0581

■ 221.0240, 10.3412,
-3.5290

■ 241.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



58.5320, 90.4497, -31.1616



75.9190, 43.9169, 100.9260

Triad

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



58.5320, 90.4497, -31.1616



63.6890, -31.3987, 84.4647



73.8840, 8.9312, -64.7963

Complementary

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



58.5320, 90.4497, -31.1616



206.4680, -90.4497, 31.1616

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.



62.2220, -30.6754, -54.5687



58.5320, 90.4497, -31.1616



75.0330, -36.9913, 11.3721

Square

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



58.5320, 90.4497, -31.1616



62.4910, -30.8081, 128.4884



58.7000, -28.9391, -51.4799



86.9480, 48.8326, -76.2534

Rectangle

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



58.5320, 90.4497, -31.1616



77.9350, 12.8500, 125.4680



58.7000, -28.9391, -51.4799



69.5350, -5.1938, -60.9822

Sweetspot

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



58.5320, 90.4497, -31.1616



197.3880, 28.4027, -9.9873



174.4670, 24.4198, -132.8366



93.4350, 17.0405, -5.6435



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.



58.5320, 90.4497, -31.1616



41.3970, 105.3063, -36.3052



75.1750, 82.2447, 34.0495



109.9550, 4.9522, -1.7145



29.7810, 76.0300, -26.1179



9.3190, 23.0137, -8.1728

Inverse Universe

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



90.5330, -24.4198, 132.8366



78.6390, -28.4160, 154.6686



189.8250, -82.2447, -34.0495



111.7020, -1.3321, 7.2773



56.7260, -20.5709, 111.6193



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 58.5320, 90.4497, -31.1616 looks on a white background.

Color Contrast Check

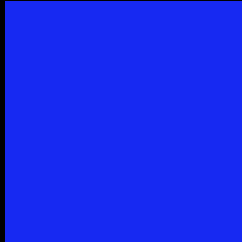
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 58.5320, 90.4497, -31.1616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

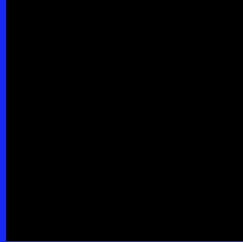
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.5320, 90.4497, -31.1616

Background



This preview shows how black text looks on a background with the YUV color 58.5320, 90.4497, -31.1616.



This preview shows how white text looks on a background with the YUV color 58.5320, 90.4497, -31.1616.

-31.1616.

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

58.5320, 90.4497, -31.1616

Protanopia

63.6670, 48.4782, -55.8360

Deuteranopia

64.4530, 36.2587, -56.5253



Tritanopia

62.8450, 14.8664, -55.1151

Trichromacy



Original Color

58.5320, 90.4497, -31.1616

Protanomaly

61.7340, 63.7281, -47.1247

Deuteranomaly

62.3720, 56.0186, -47.6842

Tritanomaly

61.4140, 42.1939, -46.8441

Monochromacy



Original Color

58.5320, 90.4497, -31.1616

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.6420, 33.2075, -11.0870

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.5320, 90.4497, -31.1616 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(23, 41, 242)` looks like.

```
.text, #text, p{  
    color:rgb(23, 41, 242)  
}
```

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(23, 41, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 41, 242) }
```

Border

The CSS property to change the border of an element to YUV 58.5320, 90.4497, -31.1616 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(23, 41, 242) }
```


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

```
.border{ border-color:rgb(23, 41, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 41, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 41, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 41, 242);  
box-shadow:4px 4px 4px 4px rgb(23, 41,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 58.5320, 90.4497, -31.1616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 41, 242) }
```

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

```
.background{ background-color: rgb(23, 41,  
242) }
```

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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