

Converting Colors

YUV(62.8300, 58.2578,
-19.1449)

Have a look what the booklet for
YUV(62.8300, 58.2578, -19.1449)
contains.

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Color

**YUV(62.8300, 58.2578,
-19.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	2933B5
RGB	41, 51, 181
RGB Percent	16%, 20%, 71%
CMY	0.8392, 0.8000, 0.2902
CMYK	0.77, 0.72, 0.00, 0.29
HSL	236°, 63%, 44%
HSV	236°, 77%, 71%
XYZ	10.4388, 6.1753, 44.3578
YIQ	62.8300, -47.6900, 38.3100

Conversions

Conversions Part 2

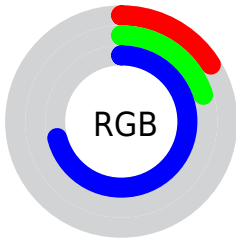
Format	Color
R_{YB}	41, 50, 181
Decimal	2700213
CIE _{Lab}	29.85, 41.81, -69.21
CIE _{LCh}	30, 80.862, 301.139
Yxy	6.1753, 0.1712, 0.1013
Android (android.graphics.Color)	4280890293 (0xFF2933B5)
YUV	62.8300, 58.2578, -19.1449
Hunter-Lab	24.8501, 31.4948, -88.4386

Details

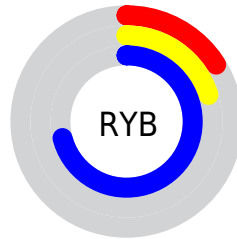
The YUV color **62.8300, 58.2578, -19.1449** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **159.1700, -58.2578, 19.1449**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5480, 59.3828, -6.6196**, and **19.1740, 53.1582, -16.8156** is the 20% darker color. If you saturate the color by 10%, you get **47.4690, 65.8308, -21.4593**, and if you desaturate by 10%, it is **78.1910, 50.6848, -16.8305**.

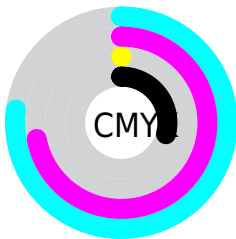
Distribution



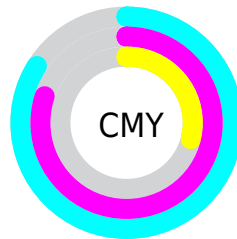
- Red (16%)
- Green (20%)
- Blue (71%)



- Red (16%)
- Yellow (20%)
- Blue (71%)



- Cyan (77%)
- Magenta (72%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (80%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8300, 58.2578, -19.1449 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 62.8300, 58.2578, -19.1449 by changing the saturation by 10% instead.

■ 62.8300, 58.2578,
-19.1449

■ 62.8300, 58.2578,
-19.1449

■ 255.0000, 0.0000,
0.0000

■ 34.4650, 58.4378,
-30.2258

■ 117.5480, 59.3828,
-6.6196

■ 19.1740, 53.1582,
-16.8156

■ 143.7180, 54.8620,
-3.2607

■ 11.5140, 44.1166,
-10.0978

■ 167.9500, 42.9157,
1.7979

■ 13.9470, 30.5921,
-12.2315

■ 192.7690, 30.6799,
6.3416

■ 8.2760, 21.5559,
-7.2581

■ 217.5880, 18.4441,
10.8853

■ 4.5940, 12.5252,
-4.0289

■ 241.4990, 6.6560,

■ 0.0000, 0.0000,

11.8404

0.0000

■ 62.8300, 58.2578,
-19.1449

■ 62.8300, 58.2578,
-19.1449

■ 47.4690, 65.8308,
-21.4593

■ 78.1910, 50.6848,
-16.8305

■ 32.1080, 73.4038,
-23.7737

■ 93.5520, 43.1119,
-14.5161

■ 28.2650, 75.2984,
-24.7884

■ 108.3260, 35.8283,
-11.6869

■ 123.6870, 28.2553,
-9.3725

■ 139.3470, 20.5349,
-6.4433

■ 154.7080, 12.9620,
-4.1289

■ 170.0690, 5.3890,
-1.8145

■ 184.8430, -1.8946,
1.0147

■ 200.2040, -9.4676,
3.3291

Harmonies

Analogous

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



69.7600, 64.2083, -61.1795



62.8300, 58.2578, -19.1449



57.5060, 36.7255, 74.1012

Triad

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



62.8300, 58.2578, -19.1449



61.1870, -30.1652, 62.1030



62.0980, 4.3887, -54.4599

Complementary

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



62.8300, 58.2578, -19.1449



159.1700, -58.2578, 19.1449

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.



52.8300, -26.0452, -46.3319



62.8300, 58.2578, -19.1449



65.9180, -32.4976, 16.7349

Square

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



62.8300, 58.2578, -19.1449



50.0620, -20.2436, 99.9236



49.3080, -24.3088, -43.2431



69.9810, 32.0544, -61.3733

Rectangle

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



62.8300, 58.2578, -19.1449



60.1220, 15.7159, 92.8550



49.3080, -24.3088, -43.2431



59.0030, -4.9315, -51.7456

Sweetspot

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



62.8300, 58.2578, -19.1449



188.9170, 22.7189, -6.9432



137.7720, 15.3954, -84.8690



89.5230, 13.5462, -4.8437



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



62.8300, 58.2578, -19.1449



50.3580, 91.0285, -30.1320



74.3020, 52.6021, 21.6601



81.6130, 3.6418, -1.4146



23.8990, 63.6468, -20.9594



4.1380, 10.7780, -3.6290

Inverse Universe

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



84.0000, -16.2690, 85.0690



83.3050, -25.2934, 133.0365



147.6980, -52.6021, -21.6601



82.8050, -0.8899, 5.4330



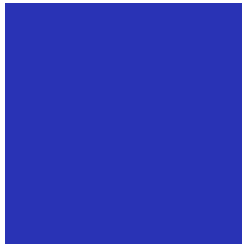
47.0010, -17.7485, 92.9611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 62.8300, 58.2578, -19.1449 looks on a white background.

Color Contrast Check

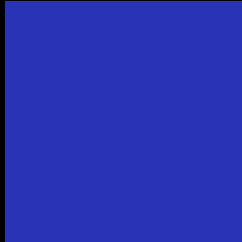
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.8300, 58.2578, -19.1449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

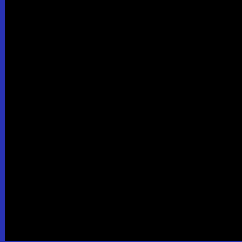
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8300, 58.2578, -19.1449

Background



This preview shows how black text looks on a background with the YUV color 62.8300, 58.2578, -19.1449.



This preview shows how white text looks on a background with the YUV color 62.8300, 58.2578,

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

62.8300, 58.2578, -19.1449

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.1720, 32.4532, -49.2628



Tritanopia

55.1340, 13.2449, -48.3525

Trichromacy



Original Color

62.8300, 58.2578, -19.1449

Protanomaly

58.7770, 48.4239, -38.3924

Deuteranomaly

58.3550, 41.7300, -38.0223

Tritanomaly

57.8530, 29.6525, -37.5821

Monochromacy



Original Color

62.8300, 58.2578, -19.1449

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1620, 21.1191, -7.1581

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8300, 58.2578, -19.1449 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(41, 51, 181)` looks like.

```
.text, #text, p{  
    color:rgb(41, 51, 181)  
}
```

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(41, 51, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 51, 181) }
```

Border

The CSS property to change the border of an element to YUV 62.8300, 58.2578, -19.1449 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(41, 51, 181) }
```


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

```
.border{ border-color:rgb(41, 51, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 51, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 51, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 51, 181);  
box-shadow:4px 4px 4px 4px rgb(41, 51,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 62.8300, 58.2578, -19.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 51, 181) }
```

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

```
.background{ background-color: rgb(41, 51,  
181) }
```

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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