

Converting Colors

YUV(96.1800, 67.4523,
-28.2219)

Have a look what the booklet for
YUV(96.1800, 67.4523, -28.2219)
contains.

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Color

**YUV(96.1800, 67.4523,
-28.2219)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4056E9 |
| RGB | 64, 86, 233 |
| RGB Percent | 25%, 34%, 91% |
| CMY | 0.7490, 0.6627, 0.0863 |
| CMYK | 0.73, 0.63, 0.00, 0.09 |
| HSL | 232°, 79%, 58% |
| HSV | 232°, 73%, 91% |
| XYZ | 20.1501, 13.6288, 78.6594 |
| YIQ | 96.1800, -60.2990, 41.0530 |

Conversions

Conversions Part 2

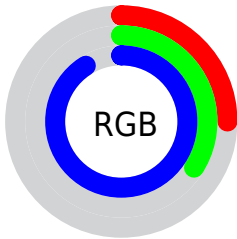
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 64, 83, 233 |
| Decimal | 4216553 |
| CIE Lab | 43.70, 40.83, -76.53 |
| CIE LCh | 44, 86.743, 298.079 |
| Yxy | 13.6288, 0.1792, 0.1212 |
| Android (android.graphics.Color) | 4282406633 (0xFF4056E9) |
| YUV | 96.1800, 67.4523, -28.2219 |
| Hunter-Lab | 36.9171, 32.8239, -100.4872 |

Details

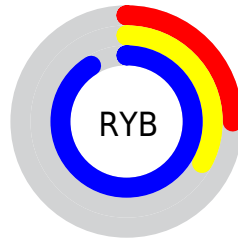
The YUV color **96.1800, 67.4523, -28.2219** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **200.8200, -67.4523, 28.2219**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6690, 52.4212, -13.7417**, and **44.1310, 65.0114, -38.7029** is the 20% darker color. If you saturate the color by 10%, you get **77.5630, 76.6304, -32.0658**, and if you desaturate by 10%, it is **114.7970, 58.2741, -24.3780**.

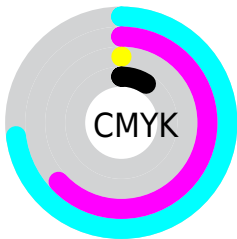
Distribution



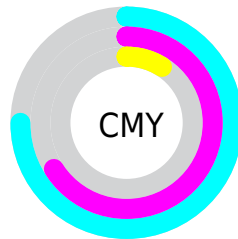
- Red (25%)
- Green (34%)
- Blue (91%)



- Red (25%)
- Yellow (33%)
- Blue (91%)



- Cyan (73%)
- Magenta (63%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (66%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1800, 67.4523, -28.2219 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 96.1800, 67.4523, -28.2219 by changing the saturation by 10% instead.

■ 96.1800, 67.4523,
-28.2219

■ 96.1800, 67.4523,
-28.2219

■ 255.0000, 0.0000,
0.0000

■ 60.2370, 70.8752,
-52.8278

■ 148.6690, 52.4212,
-13.7417

■ 44.1310, 65.0114,
-38.7029

■ 173.4990, 40.1800,
-7.4536

■ 29.9000, 58.7163,
-26.2223

■ 198.6170, 27.7968,
-2.2951

■ 15.0820, 52.7106,
-13.2269

■ 224.3220, 15.1243,
2.3486

■ 13.2920, 40.7750,
-11.6571

■ 249.1300, 2.8939,
5.1480

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 96.1800, 67.4523,
-28.2219

■ 96.1800, 67.4523,
-28.2219

■ 77.5630, 76.6304,
-32.0658

■ 114.7970, 58.2741,
-24.3780

■ 58.0600, 86.2454,
-36.0096

■ 134.3000, 48.6591,
-20.4341

■ 44.1720, 93.0922,
-38.7388

■ 152.9170, 39.4809,
-16.5902

■ 171.5340, 30.3027,
-12.7463

■ 190.1510, 21.1246,
-8.9024

■ 209.6540, 11.5096,
-4.9586

■ 228.2710, 2.3314,
-1.1147

■ 246.8880, -6.8468,
2.7292

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



96.0050, 75.9195, -84.1964



96.1800, 67.4523, -28.2219



86.4930, 46.5920, 82.8826

Triad

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



96.1800, 67.4523, -28.2219



91.9970, -45.3545, 80.6866



87.2540, 4.3118, -76.5218

Complementary

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



96.1800, 67.4523, -28.2219



200.8200, -67.4523, 28.2219

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.



75.1190, -34.5687, -65.8794



96.1800, 67.4523, -28.2219



96.9830, -47.8126, 28.9559

Square

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



96.1800, 67.4523, -28.2219



69.5570, -14.0786, 129.3075



86.3090, -42.5503, -25.7040



96.8640, 36.0560, -84.9497

Rectangle

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



96.1800, 67.4523, -28.2219



78.7780, 27.7174, 116.8357



86.3090, -42.5503, -25.7040



83.8170, -6.3188, -73.5075

Sweetspot

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



96.1800, 67.4523, -28.2219



209.4930, 22.4350, -9.2024



179.8470, 14.8654, -101.5978



100.8110, 13.4042, -5.9732



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.



96.1800, 67.4523, -28.2219



75.3310, 88.5768, -37.1243



101.8040, 64.6796, 21.2199



107.8410, 4.5154, -1.6146



34.7220, 72.1151, -30.4512



10.2650, 21.5614, -9.0024

Inverse Universe

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



117.0390, -15.3022, 101.6978



102.6840, -20.0572, 133.5811



195.1960, -64.6796, -21.2199



109.4030, -1.1847, 6.6626



56.8550, -16.1975, 108.8752



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 96.1800, 67.4523, -28.2219 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 96.1800, 67.4523, -28.2219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

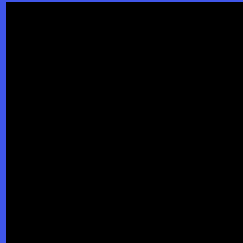
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1800, 67.4523, -28.2219

Background



This preview shows how black text looks on a background with the YUV color 96.1800, 67.4523, -28.2219.



This preview shows how white text looks on a background with the YUV color 96.1800, 67.4523, -28.2219.

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

96.1800, 67.4523, -28.2219

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.0410, 47.8008, -71.9500



Tritanopia

80.8260, 20.2988, -70.8844

Trichromacy



Original Color

96.1800, 67.4523, -28.2219

Protanomaly

86.9070, 64.6288, -56.0464

Deuteranomaly

87.0890, 55.1721, -56.2061

Tritanomaly

86.3930, 37.2743, -55.5957

Monochromacy



Original Color

96.1800, 67.4523, -28.2219

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7640, 24.7663, -10.3170

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1800, 67.4523, -28.2219 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(64, 86, 233)` looks like.

```
.text, #text, p{  
    color:rgb(64, 86, 233)  
}
```

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(64, 86, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 86, 233) }
```

Border

The CSS property to change the border of an element to YUV 96.1800, 67.4523, -28.2219 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(64, 86, 233) }
```


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

```
.border{ border-color:rgb(64, 86, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 86, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 86, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 86, 233);  
box-shadow:4px 4px 4px 4px rgb(64, 86,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 96.1800, 67.4523, -28.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 86, 233) }
```

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

```
.background{ background-color: rgb(64, 86,  
233) }
```

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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