

Converting Colors

YUV(51.7240, 65.7051,
-27.8219)

Have a look what the booklet for
YUV(51.7240, 65.7051, -27.8219)
contains.

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Color

**YUV(51.7240, 65.7051,
-27.8219)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 142AB9 |
| RGB | 20, 42, 185 |
| RGB Percent | 8%, 16%, 73% |
| CMY | 0.9216, 0.8353, 0.2745 |
| CMYK | 0.89, 0.77, 0.00, 0.27 |
| HSL | 232°, 80%, 40% |
| HSV | 232°, 89%, 73% |
| XYZ | 9.8734, 5.3074, 46.4030 |
| YIQ | 51.7240, -59.0150, 39.8090 |

Conversions

Conversions Part 2

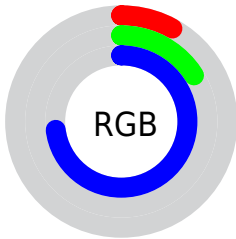
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 20, 39, 185 |
| Decimal | 1321657 |
| CIE _{Lab} | 27.59, 47.14, -75.35 |
| CIE _{LCh} | 28, 88.878, 302.032 |
| Yxy | 5.3074, 0.1603, 0.0862 |
| Android (android.graphics.Color) | 4279511737 (0xFF142AB9) |
| YUV | 51.7240, 65.7051, -27.8219 |
| Hunter-Lab | 23.0379, 36.1840, -103.2957 |

Details

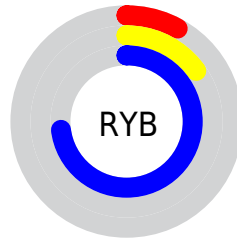
The YUV color **51.7240, 65.7051, -27.8219** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **153.2760, -65.7051, 27.8219**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3290, 64.9138, -7.3045**, and **15.4070, 56.4943, -13.5119** is the 20% darker color. If you saturate the color by 10%, you get **36.9500, 72.9887, -30.6512**, and if you desaturate by 10%, it is **66.7970, 58.2741, -24.3780**.

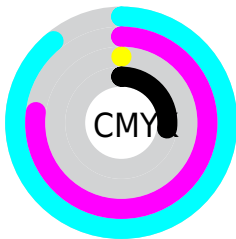
Distribution



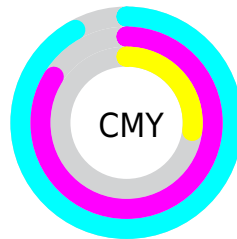
- Red (8%)
- Green (16%)
- Blue (73%)



- Red (8%)
- Yellow (15%)
- Blue (73%)



- Cyan (89%)
- Magenta (77%)
- Yellow (0%)
- Black (27%)



- Cyan (92%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.7240, 65.7051, -27.8219 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 51.7240, 65.7051, -27.8219 by changing the saturation by 10% instead.

■ 51.7240, 65.7051,
-27.8219

■ 51.7240, 65.7051,
-27.8219

■ 255.0000, 0.0000,
0.0000

■ 29.6380, 62.7895,
-25.9925

■ 110.3290, 64.9138,
-7.3045

■ 15.4070, 56.4943,
-13.5119

■ 136.0540, 58.6404,
-1.8014

■ 11.8560, 45.4270,
-10.3977

■ 160.5850, 46.5466,
3.8720

■ 14.8760, 31.6131,
-13.0463

■ 185.4040, 34.3108,
8.4157

■ 9.2050, 22.5769,
-8.0728

■ 210.5220, 21.9277,
13.5742

■ 4.9360, 13.8356,
-4.3289

■ 236.2160, 9.2605,

■ 0.5700, 2.1840,

16.4736

-0.4999

252.6520, 1.1576,
2.0592

0.0000, 0.0000,
0.0000

51.7240, 65.7051,
-27.8219

51.7240, 65.7051,
-27.8219

36.9500, 72.9887,
-30.6512

66.7970, 58.2741,
-24.3780

35.7650, 73.5729,
-31.3659

81.5710, 50.9905,
-21.5488

96.6440, 43.5595,
-18.1048

111.4180, 36.2759,
-15.2756

126.4910, 28.8449,
-11.8316

■ 141.2650, 21.5614,
-9.0024

■ 156.3380, 14.1304,
-5.5584

■ 171.1120, 6.8468,
-2.7292

■ 186.1850, -0.5842,
0.7148

Harmonies

Analogous

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



68.2100, 68.4235, -59.8202



51.7240, 65.7051, -27.8219



57.6910, 36.1413, 74.8160

Triad

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



51.7240, 65.7051, -27.8219



53.5340, -26.3923, 65.3067



58.9350, 4.9620, -51.6860

Complementary

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



51.7240, 65.7051, -27.8219



153.2760, -65.7051, 27.8219

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.



49.8950, -24.5982, -43.7579



51.7240, 65.7051, -27.8219



61.1780, -30.1608, 13.8759

Square

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



51.7240, 65.7051, -27.8219



48.7370, -24.0273, 100.2087



46.3730, -22.8619, -40.6691



67.9750, 34.5223, -59.6141

Rectangle

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



51.7240, 65.7051, -27.8219



60.1500, 13.2370, 94.5844



46.3730, -22.8619, -40.6691



55.4980, -5.6685, -48.6717

Sweetspot

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



51.7240, 65.7051, -27.8219



187.6930, 25.7874, -11.1318



133.1570, 14.7126, -99.2387



88.9680, 15.2988, -6.9879



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



51.7240, 65.7051, -27.8219



46.1440, 95.5710, -40.4683



56.7500, 63.2272, 20.3903



84.6130, 3.6418, -1.4146



30.1110, 62.0633, -26.4073



5.5400, 11.0728, -4.8586

Inverse Universe

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



71.8430, -14.7126, 99.2387



75.4080, -21.4001, 144.3472



148.2500, -63.2272, -20.3903



85.8050, -0.8899, 5.4330



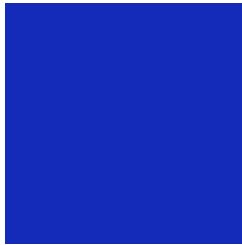
49.0380, -13.8227, 93.8057



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 51.7240, 65.7051, -27.8219 looks on a white background.

Color Contrast Check

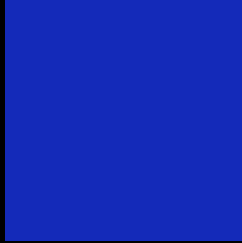
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7240, 65.7051, -27.8219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

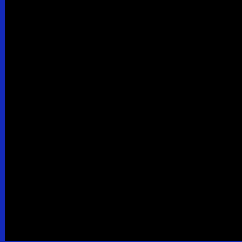
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.7240, 65.7051, -27.8219

Background



This preview shows how black text looks on a background with the YUV color 51.7240, 65.7051, -27.8219.



This preview shows how white text looks on a background with the YUV color 51.7240, 65.7051,

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

51.7240, 65.7051, -27.8219

Protanopia

52.0290, 39.4257, -45.6294

Deuteranopia

52.0970, 29.5322, -45.6891



Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Original Color

51.7240, 65.7051, -27.8219

Protanomaly

51.5920, 49.0081, -39.1072

Deuteranomaly

51.9850, 42.8984, -39.4518

Tritanomaly

51.1240, 31.9839, -38.6967

Monochromacy



Original Color

51.7240, 65.7051, -27.8219

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.5360, 23.8928, -10.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.7240, 65.7051, -27.8219 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(20, 42, 185)` looks like.

```
.text, #text, p{  
    color:rgb(20, 42, 185)  
}
```

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(20, 42, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 42, 185) }
```

Border

The CSS property to change the border of an element to YUV 51.7240, 65.7051, -27.8219 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(20, 42, 185) }
```


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

```
.border{ border-color:rgb(20, 42, 185) }
```

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

Here you see how a box with a 4 pixel rgb(20, 42, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 42, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 42, 185);  
box-shadow:4px 4px 4px 4px rgb(20, 42,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 51.7240, 65.7051, -27.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 42, 185) }
```

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

```
.background{ background-color: rgb(20, 42,  
185) }
```

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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