

Converting Colors

YUV(83.0050, 32.5355,
-28.9454)

Have a look what the booklet for
YUV(83.0050, 32.5355, -28.9454)
contains.

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Color

**YUV(83.0050, 32.5355,
-28.9454)**

Conversions

Conversions Part 1

Format	Color
Hex	325795
RGB	50, 87, 149
RGB Percent	20%, 34%, 58%
CMY	0.8039, 0.6588, 0.4157
CMYK	0.66, 0.42, 0.00, 0.42
HSL	218°, 50%, 39%
HSV	218°, 66%, 58%
XYZ	10.1484, 9.6644, 29.7643
YIQ	83.0050, -41.9540, 11.4380

Conversions

Conversions Part 2

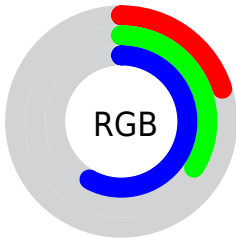
Format	Color
RYB	50, 77, 149
Decimal	3299221
CIELab	37.23, 7.75, -38.02
CIELCh	37, 38.801, 281.523
Yxy	9.6644, 0.2047, 0.1949
Android (android.graphics.Color)	4281489301 (0xFF325795)
YUV	83.0050, 32.5355, -28.9454
Hunter-Lab	31.0877, 3.8670, -35.0048




Details

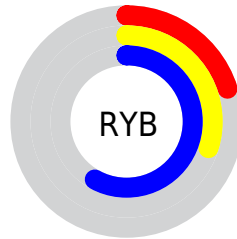
The YUV color **83.0050, 32.5355, -28.9454** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **115.9950, -32.5355, 28.9454**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0810, 33.9771, -24.6270**, and **35.8260, 30.6518, -31.4194** is the 20% darker color. If you saturate the color by 10%, you get **73.2370, 37.3512, -33.5338**, and if you desaturate by 10%, it is **92.7730, 27.7199, -24.3569**.

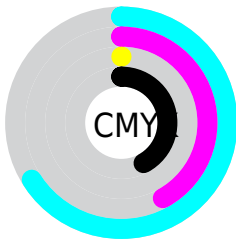
Distribution







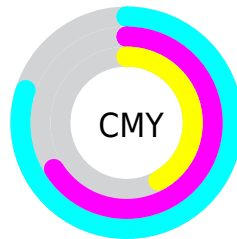
-  Red (20%)
-  Green (34%)
-  Blue (58%)






-  Red (20%)
-  Yellow (30%)
-  Blue (58%)



-  Cyan (66%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (80%)
-  Magenta (66%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0050, 32.5355, -28.9454 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 83.0050, 32.5355, -28.9454 by changing the saturation by 10% instead.

■ 83.0050, 32.5355,
-28.9454

■ 83.0050, 32.5355,
-28.9454

■ 255.0000, 0.0000,
0.0000

■ 55.1780, 33.4362,
-37.8671

■ 135.0810, 33.9771,
-24.6270

■ 35.8260, 30.6518,
-31.4194

■ 162.1950, 34.4139,
-24.7270

■ 21.8230, 25.2303,
-19.1388

■ 189.0380, 32.5193,
-23.7123

■ 8.0480, 20.6823,
-7.0581

■ 213.5580, 20.4309,
-19.7834

■ 4.3660, 11.6516,
-3.8290

■ 239.2520, 7.7638,
-16.8840

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 83.0050, 32.5355,
-28.9454

■ 83.0050, 32.5355,
-28.9454

■ 73.2370, 37.3512,
-33.5338

■ 92.7730, 27.7199,
-24.3569

■ 62.8820, 42.4562,
-37.6075

■ 103.1280, 22.6149,
-20.2833

■ 53.1140, 47.2718,
-42.1960

■ 112.8960, 17.7993,
-15.6948

■ 49.8580, 48.8770,
-43.7255

■ 122.6640, 12.9836,
-11.1063

■ 133.0190, 7.8786,
-7.0327

■ 142.4880, 3.2104,
-3.0590

■ 152.2560, -1.6052,
1.5295

■ 162.6110, -6.7102,
5.6032

■ 172.3790,
-11.5258, 10.1916

Harmonies

Analogous

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



73.1100, 36.4278, -64.1175



83.0050, 32.5355, -28.9454



90.2230, 22.0751, 12.9594

Triad

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



83.0050, 32.5355, -28.9454



86.3620, -18.9125, 46.1635



66.9250, 0.0370, -58.6932

Complementary

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



83.0050, 32.5355, -28.9454



115.9950, -32.5355, 28.9454

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.



78.9120, -20.1696, -17.4628



83.0050, 32.5355, -28.9454



85.2170, -29.1940, 30.5047

Square

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



83.0050, 32.5355, -28.9454



86.7660, -4.8146, 51.0712



83.0310, -30.5813, 8.7428



71.7470, 13.4357, -62.9221

Rectangle

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



83.0050, 32.5355, -28.9454



90.1670, 13.7217, 32.3025



83.0310, -30.5813, 8.7428



71.9610, -7.8688, -42.9388

Sweetspot

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



83.0050, 32.5355, -28.9454



168.2510, 12.6943, -11.6211



115.0670, -2.0050, -57.0638



81.3180, 7.7312, -6.4179



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



83.0050, 32.5355, -28.9454



90.7160, 50.9190, -45.3549



64.8740, 41.4741, -2.5205



68.9720, 2.4788, -1.7294



45.6690, 45.5192, -40.0517



3.4880, 3.2104, -3.0590

Inverse Universe

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



83.8190, 1.5682, 57.1637



91.9570, 2.4862, 89.4917



134.1260, -41.4741, 2.5205



69.3210, -0.1583, 4.1035



47.0760, 1.9345, 79.7403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 83.0050, 32.5355, -28.9454 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 83.0050, 32.5355, -28.9454 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 83.0050, 32.5355, -28.9454

Background



This preview shows how black text looks on a background with the YUV color 83.0050, 32.5355, -28.9454.



This preview shows how white text looks on a background with the YUV color 83.0050, 32.5355,

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

83.0050, 32.5355, -28.9454

Protanopia

84.8920, 30.6192, -20.9533

Deuteranopia

81.2000, 33.4254, -34.3784



Tritanopia

74.7750, 14.4079, -48.0377

Trichromacy



Original Color

83.0050, 32.5355, -28.9454

Protanomaly

84.3970, 31.3563, -24.0272

Deuteranomaly

82.0970, 32.9832, -32.5341

Tritanomaly

77.5400, 20.9328, -40.8156

Monochromacy



Original Color

83.0050, 32.5355, -28.9454

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7350, 11.9626, -10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0050, 32.5355, -28.9454 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(50, 87, 149)` looks like.

```
.text, #text, p{  
    color:rgb(50, 87, 149)  
}
```

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(50, 87, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 87, 149) }
```

Border

The CSS property to change the border of an element to YUV 83.0050, 32.5355, -28.9454 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(50, 87, 149) }
```


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

```
.border{ border-color:rgb(50, 87, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 87, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 87, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 87, 149);  
box-shadow:4px 4px 4px 4px rgb(50, 87,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 83.0050, 32.5355, -28.9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 87, 149) }
```

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

```
.background{ background-color: rgb(50, 87,  
149) }
```

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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