

Converting Colors

YUV(83.5300, 36.2207,
-44.3148)

Have a look what the booklet for
YUV(83.5300, 36.2207, -44.3148)
contains.

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Color

**YUV(83.5300, 36.2207,
-44.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	215F9D
RGB	33, 95, 157
RGB Percent	13%, 37%, 62%
CMY	0.8706, 0.6275, 0.3843
CMYK	0.79, 0.39, 0.00, 0.38
HSL	210°, 65%, 37%
HSV	210°, 79%, 62%
XYZ	10.8052, 10.9421, 33.4408
YIQ	83.5300, -56.8540, 6.1380

Conversions

Conversions Part 2

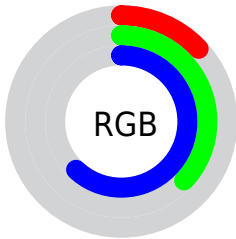
Format	Color
R_{YB}	33, 74, 157
Decimal	2187165
CIE Lab	39.48, 3.07, -39.28
CIE LCh	39, 39.398, 274.463
Yxy	10.9421, 0.1958, 0.1983
Android (android.graphics.Color)	4280377245 (0xFF215F9D)
YUV	83.5300, 36.2207, -44.3148
Hunter-Lab	33.0788, 0.4192, -36.7837

Details

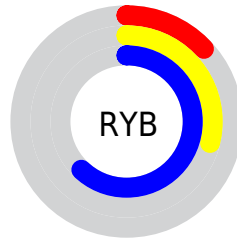
The YUV color **83.5300, 36.2207, -44.3148** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.4700, -36.2207, 44.3148**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2860, 36.3410, -36.2078**, and **41.3200, 31.3942, -36.2376** is the 20% darker color. If you saturate the color by 10%, you get **74.0500, 40.8944, -50.0328**, and if you desaturate by 10%, it is **93.0100, 31.5471, -38.5968**.

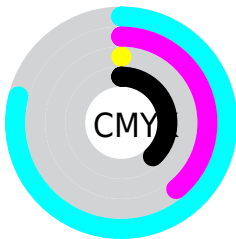
Distribution



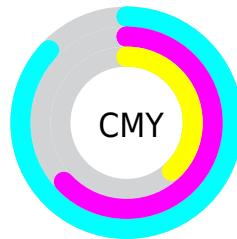
- Red (13%)
- Green (37%)
- Blue (62%)



- Red (13%)
- Yellow (29%)
- Blue (62%)



- Cyan (79%)
- Magenta (39%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5300, 36.2207, -44.3148 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 83.5300, 36.2207, -44.3148 by changing the saturation by 10% instead.

■ 83.5300, 36.2207,
-44.3148

■ 83.5300, 36.2207,
-44.3148

■ 255.0000, 0.0000,
0.0000

■ 57.1980, 36.3844,
-50.1626

■ 138.2860, 36.3410,
-36.2078

■ 41.3200, 31.3942,
-36.2376

■ 165.5250, 37.2092,
-34.6634

■ 26.2570, 26.9883,
-23.0274

■ 191.9290, 31.0940,
-33.2637

■ 9.4330, 23.4505,
-8.2727

■ 217.0360, 18.7163,
-29.8496

■ 5.1640, 14.7091,
-4.5288

■ 242.1430, 6.3385,
-26.4354

■ 1.1400, 4.3680,
-0.9998

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 83.5300, 36.2207,
-44.3148

■ 83.5300, 36.2207,
-44.3148

■ 74.0500, 40.8944,
-50.0328

■ 93.0100, 31.5471,
-38.5968

■ 64.8690, 45.4206,
-55.1361

■ 102.1910, 27.0208,
-33.4935

■ 64.2710, 45.7154,
-56.3657

■ 111.6710, 22.3472,
-27.7755

■ 120.5640, 17.9629,
-21.5426

■ 130.0440, 13.2893,
-15.8246

■ 139.2250, 8.7631,
-10.7213

■ 148.7050, 4.0894,
-5.0033

■ 158.1850, -0.5842,
0.7148

■ 167.3660, -5.1104,
5.8180

Harmonies

Analogous

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



78.2620, 35.8598, -68.6358



83.5300, 36.2207, -44.3148



95.5640, 24.8649, 4.7674

Triad

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



83.5300, 36.2207, -44.3148



91.6660, -16.5973, 50.2819



75.7860, -5.8105, -49.8013

Complementary

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



83.5300, 36.2207, -44.3148



106.4700, -36.2207, 44.3148

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.



85.9190, -24.1171, -11.3300



83.5300, 36.2207, -44.3148



90.8910, -28.0473, 36.0526

Square

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



83.5300, 36.2207, -44.3148



92.8630, -1.9045, 50.9861



89.0210, -32.0554, 14.8906



75.0410, 10.8258, -65.8110

Rectangle

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



83.5300, 36.2207, -44.3148



96.0460, 17.2323, 26.2697



89.0210, -32.0554, 14.8906



80.6480, -13.1375, -33.0173

Sweetspot

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



83.5300, 36.2207, -44.3148



175.2610, 14.1683, -17.7689



112.8560, -8.8030, -70.0337



84.2250, 8.7631, -10.7213



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



83.5300, 36.2207, -44.3148



89.0550, 56.6679, -69.3312



47.1360, 54.1630, -12.3973



74.2600, 2.3368, -2.8590



57.9790, 41.9154, -50.8476



6.4060, 4.2368, -5.6181

Inverse Universe

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



77.1440, 8.8030, 70.0337



79.0640, 13.7724, 109.5689



142.8640, -54.1630, 12.3973



73.8480, 0.5679, 4.5183



50.8510, 9.9335, 80.8147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 83.5300, 36.2207, -44.3148 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 83.5300, 36.2207, -44.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

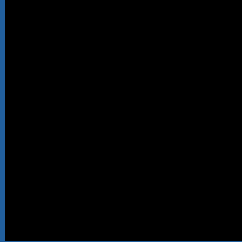
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5300, 36.2207, -44.3148

Background



This preview shows how black text looks on a background with the YUV color 83.5300, 36.2207, -44.3148.



This preview shows how white text looks on a background with the YUV color 83.5300, 36.2207,

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

83.5300, 36.2207, -44.3148

Protanopia

90.8920, 30.6192, -20.9533

Deuteranopia

86.8300, 34.5938, -35.8079



Tritanopia

73.1150, 18.6773, -64.1219

Trichromacy



Original Color

83.5300, 36.2207, -44.3148

Protanomaly

88.0050, 32.5355, -28.9454

Deuteranomaly

85.3350, 35.3308, -38.8818

Tritanomaly

76.8800, 25.2022, -56.8998

Monochromacy



Original Color

83.5300, 36.2207, -44.3148

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7450, 13.4367, -16.4394

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5300, 36.2207, -44.3148 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(33, 95, 157)` looks like.

```
.text, #text, p{  
    color:rgb(33, 95, 157)  
}
```

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(33, 95, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 95, 157) }
```

Border

The CSS property to change the border of an element to YUV 83.5300, 36.2207, -44.3148 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(33, 95, 157) }
```


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

```
.border{ border-color:rgb(33, 95, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 95, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 95, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 95, 157);  
box-shadow:4px 4px 4px 4px rgb(33, 95,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 83.5300, 36.2207, -44.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 95, 157) }
```

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

```
.background{ background-color: rgb(33, 95,  
157) }
```

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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