

Converting Colors

YUV(88.3000, 41.7571,
-46.7441)

Have a look what the booklet for
YUV(88.3000, 41.7571, -46.7441)
contains.

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Color

**YUV(88.3000, 41.7571,
-46.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	2363AD
RGB	35, 99, 173
RGB Percent	14%, 39%, 68%
CMY	0.8627, 0.6118, 0.3216
CMYK	0.80, 0.43, 0.00, 0.32
HSL	212°, 66%, 41%
HSV	212°, 80%, 68%
XYZ	12.6978, 12.2981, 41.2397
YIQ	88.3000, -61.8980, 9.4460

Conversions

Conversions Part 2

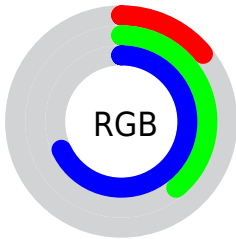
Format	Color
R _Y B	35, 79, 173
Decimal	2319277
CIE Lab	41.69, 6.96, -45.25
CIE LCh	42, 45.777, 278.741
Yxy	12.2981, 0.1917, 0.1857
Android (android.graphics.Color)	4280509357 (0xFF2363AD)
YUV	88.3000, 41.7571, -46.7441
Hunter-Lab	35.0687, 3.2617, -45.1751

Details

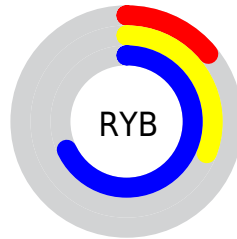
The YUV color **88.3000, 41.7571, -46.7441** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **119.7000, -41.7571, 46.7441**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0670, 41.8720, -36.8928**, and **44.7910, 37.0780, -39.2817** is the 20% darker color. If you saturate the color by 10%, you get **77.9340, 46.8675, -52.5621**, and if you desaturate by 10%, it is **98.6660, 36.6467, -40.9261**.

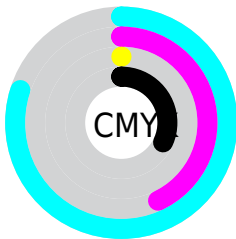
Distribution



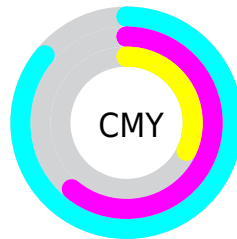
- Red (14%)
- Green (39%)
- Blue (68%)



- Red (14%)
- Yellow (31%)
- Blue (68%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (32%)



- Cyan (86%)
- Magenta (61%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3000, 41.7571, -46.7441 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 88.3000, 41.7571, -46.7441 by changing the saturation by 10% instead.

■ 88.3000, 41.7571,
-46.7441

■ 88.3000, 41.7571,
-46.7441

■ 255.0000, 0.0000,
0.0000

■ 61.2560, 41.7788,
-53.7215

■ 144.0670, 41.8720,
-36.8928

■ 44.7910, 37.0780,
-39.2817

■ 171.5510, 41.1404,
-35.5632

■ 30.2010, 31.9459,
-26.4863

■ 196.0710, 29.0520,
-31.6343

■ 13.3770, 28.4081,
-11.7316

■ 221.1780, 16.6742,
-28.2201

■ 7.7060, 19.3719,
-6.7582

■ 244.2360, 5.3067,
-22.1320

■ 3.5510, 11.0674,
-3.1142

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 88.3000, 41.7571,
-46.7441

■ 88.3000, 41.7571,
-46.7441

■ 77.9340, 46.8675,
-52.5621

■ 98.6660, 36.6467,
-40.9261

■ 66.6820, 52.4148,
-58.4801

■ 109.9180, 31.0994,
-35.0081

■ 120.2840, 25.9890,
-29.1901

■ 130.6500, 20.8785,
-23.3721

■ 141.3150, 15.6207,
-16.9393

■ 152.2680, 10.2209,
-11.6360

■ 162.6340, 5.1104,
-5.8180

■ 173.0000, 0.0000,
0.0000

■ 183.6650, -5.2578,
6.4328

Harmonies

Analogous

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



83.7220, 41.5491, -73.4242



88.3000, 41.7571, -46.7441



100.7050, 27.7534, 11.6597

Triad

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



88.3000, 41.7571, -46.7441



95.5590, -20.9816, 56.5148



74.8980, -2.4147, -65.6855

Complementary

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



88.3000, 41.7571, -46.7441



119.7000, -41.7571, 46.7441

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.



88.0060, -26.1320, -18.4223



88.3000, 41.7571, -46.7441



95.3660, -35.1834, 38.2670

Square

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



88.3000, 41.7571, -46.7441



96.1740, -3.5368, 61.2374



92.0610, -39.4701, 13.1015



80.5180, 14.0416, -70.6143

Rectangle

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



88.3000, 41.7571, -46.7441



100.4540, 18.5102, 36.4358



92.0610, -39.4701, 13.1015



79.4070, -11.0467, -50.3459

Sweetspot

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



88.3000, 41.7571, -46.7441



191.7170, 15.9155, -18.1688



124.4420, -7.6129, -78.4406



92.4530, 9.6367, -10.9213



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



88.3000, 41.7571, -46.7441



92.2100, 64.9725, -72.9752



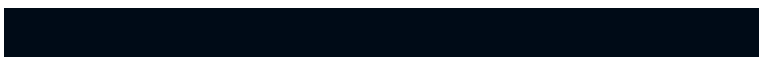
52.2270, 59.5411, -10.7231



81.3740, 2.7736, -2.9590



58.1900, 45.2623, -51.0326



9.0790, 6.8631, -7.9623

Inverse Universe

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



83.5580, 7.6129, 78.4406



84.6850, 11.9873, 122.1793



155.7730, -59.5411, 10.7231



81.1470, 0.4205, 5.1331



52.8300, 8.4648, 85.2181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 88.3000, 41.7571, -46.7441 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 88.3000, 41.7571, -46.7441 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 88.3000, 41.7571, -46.7441

Background



This preview shows how black text looks on a background with the YUV color 88.3000, 41.7571, -46.7441.



This preview shows how white text looks on a background with the YUV color 88.3000, 41.7571,

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

88.3000, 41.7571, -46.7441

Protanopia

94.5800, 37.1821, -25.9417

Deuteranopia

87.1040, 42.3467, -49.2032

Trichromacy



Original Color

88.3000, 41.7571, -46.7441

Protanomaly

91.9920, 38.9509, -33.3190

Deuteranomaly

87.4030, 42.1993, -48.5884

Monochromacy



Original Color

88.3000, 41.7571, -46.7441

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3000, 41.7571, -46.7441 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(35, 99, 173)` looks like.

```
.text, #text, p{  
    color:rgb(35, 99, 173)  
}
```

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(35, 99, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 99, 173) }
```

Border

The CSS property to change the border of an element to YUV 88.3000, 41.7571, -46.7441 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(35, 99, 173) }
```

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

```
.border{ border-color:rgb(35, 99, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 99, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 99, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 99, 173);  
box-shadow:4px 4px 4px 4px rgb(35, 99,  
173) }
```


Background

The CSS property to change the background color of an element to YUV 88.3000, 41.7571, -46.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 99, 173) }
```

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

```
.background{ background-color: rgb(35, 99,  
173) }
```

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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