

Converting Colors

YUV(96.5020, 38.6995,
-46.0443)

Have a look what the booklet for
YUV(96.5020, 38.6995, -46.0443)
contains.

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Color

**YUV(96.5020, 38.6995,
-46.0443)**

Conversions

Conversions Part 1

Format	Color
Hex	2C6CAF
RGB	44, 108, 175
RGB Percent	17%, 42%, 69%
CMY	0.8275, 0.5765, 0.3137
CMYK	0.75, 0.38, 0.00, 0.31
HSL	211°, 60%, 43%
HSV	211°, 75%, 69%
XYZ	14.1391, 14.3557, 42.5832
YIQ	96.5020, -59.6510, 7.2690

Conversions

Conversions Part 2

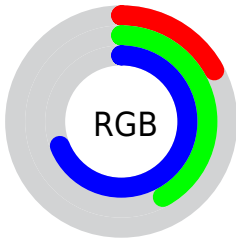
Format	Color
R_{YB}	44, 87, 175
Decimal	2911407
CIE _{Lab}	44.74, 3.12, -41.54
CIE _{LCh}	45, 41.654, 274.302
Yxy	14.3557, 0.1989, 0.2020
Android (android.graphics.Color)	4281101487 (0xFF2C6CAF)
YUV	96.5020, 38.6995, -46.0443
Hunter-Lab	37.8890, 0.3056, -40.1134

Details

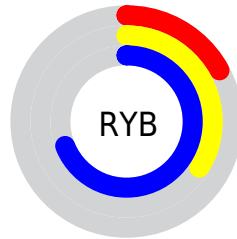
The YUV color **96.5020, 38.6995, -46.0443** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **122.4980, -38.6995, 46.0443**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6600, 39.1146, -39.1668**, and **49.7150, 35.6365, -43.6001** is the 20% darker color. If you saturate the color by 10%, you get **86.1360, 43.8100, -51.8623**, and if you desaturate by 10%, it is **107.1670, 33.4417, -39.6115**.

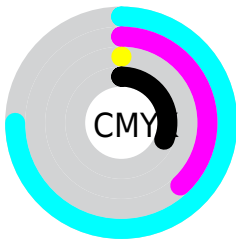
Distribution



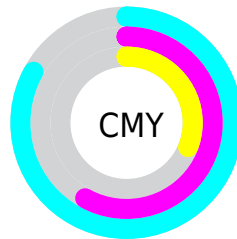
- Red (17%)
- Green (42%)
- Blue (69%)



- Red (17%)
- Yellow (34%)
- Blue (69%)



- Cyan (75%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (83%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5020, 38.6995, -46.0443 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 96.5020, 38.6995, -46.0443 by changing the saturation by 10% instead.

■ 96.5020, 38.6995,
-46.0443

■ 96.5020, 38.6995,
-46.0443

■ 255.0000, 0.0000,
0.0000

■ 66.1800, 40.3373,
-58.0399

■ 151.6600, 39.1146,
-39.1668

■ 49.7150, 35.6365,
-43.6001

■ 178.9160, 37.5094,
-37.6373

■ 34.5380, 30.7938,
-30.2898

■ 203.4360, 25.4211,
-33.7084

■ 19.9480, 25.6616,
-17.4944

■ 229.4290, 12.6065,
-30.1942

■ 7.9340, 20.2455,
-6.9581

■ 245.7310, 4.5696,
-19.0581

■ 3.7790, 11.9410,
-3.3142

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 96.5020, 38.6995,
-46.0443

■ 96.5020, 38.6995,
-46.0443

■ 86.1360, 43.8100,
-51.8623

■ 107.1670, 33.4417,
-39.6115

■ 75.4710, 49.0678,
-58.2951

■ 117.5330, 28.3312,
-33.7934

■ 69.8450, 51.8414,
-61.2541

■ 128.1980, 23.0734,
-27.3606

■ 138.5640, 17.9629,
-21.5426

■ 149.2290, 12.7051,
-15.1098

■ 159.5950, 7.5947,
-9.2918

■ 170.2600, 2.3368,
-2.8590

■ 180.6260, -2.7736,
2.9590

■ 191.2910, -8.0315,
9.3918

Harmonies

Analogous

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



87.8310, 39.5233, -77.0278



96.5020, 38.6995, -46.0443



108.4330, 26.9015, 4.8823

Triad

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



96.5020, 38.6995, -46.0443



104.4600, -17.4818, 53.9706



88.4330, -7.1155, -51.2457

Complementary

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



96.5020, 38.6995, -46.0443



122.4980, -38.6995, 46.0443

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.



97.7510, -26.0062, -12.0596



96.5020, 38.6995, -46.0443



103.9300, -30.5315, 39.5264

Square

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



96.5020, 38.6995, -46.0443



106.1840, -2.0627, 55.0896



101.7500, -34.3867, 16.0053



84.7410, 12.4527, -74.3179

Rectangle

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



96.5020, 38.6995, -46.0443



109.1110, 18.6793, 28.8437



101.7500, -34.3867, 16.0053



92.9960, -14.2950, -35.0765

Sweetspot

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



96.5020, 38.6995, -46.0443



196.7880, 14.8945, -17.3541



128.4210, -9.0816, -74.0372



96.6380, 9.0525, -10.2065



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



96.5020, 38.6995, -46.0443



104.3690, 60.4571, -71.3606



58.9340, 57.2205, -13.0971



81.3740, 2.7736, -2.9590



60.5380, 44.1048, -53.0918



9.0790, 6.8631, -7.9623

Inverse Universe

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



90.4650, 8.6448, 74.1372



95.2820, 13.1720, 115.5167



160.0660, -57.2205, 13.0971



81.1470, 0.4205, 5.1331



53.2860, 10.2120, 84.8182



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 96.5020, 38.6995, -46.0443 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 96.5020, 38.6995, -46.0443 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 96.5020, 38.6995, -46.0443

Background



This preview shows how black text looks on a background with the YUV color 96.5020, 38.6995, -46.0443.



This preview shows how white text looks on a background with the YUV color 96.5020, 38.6995,

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

96.5020, 38.6995, -46.0443

Protanopia

103.4620, 32.8032, -21.4532

Deuteranopia

99.5140, 37.2146, -36.4078



Tritanopia

83.0430, 21.1778, -72.8287

Trichromacy



Original Color

96.5020, 38.6995, -46.0443

Protanomaly

100.9770, 35.0143, -30.6748

Deuteranomaly

98.6060, 37.6622, -39.9965

Tritanomaly

88.1180, 27.5498, -63.2475

Monochromacy



Original Color

96.5020, 38.6995, -46.0443

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8590, 13.8735, -16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5020, 38.6995, -46.0443 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(44, 108, 175)` looks like.

```
.text, #text, p{  
    color:rgb(44, 108, 175)  
}
```

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(44, 108, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 108, 175) }
```

Border

The CSS property to change the border of an element to YUV 96.5020, 38.6995, -46.0443 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(44, 108, 175) }
```


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

```
.border{ border-color:rgb(44, 108, 175) }
```

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

Here you see how a box with a 4 pixel rgb(44, 108, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 108, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 108, 175);  
box-shadow:4px 4px 4px 4px rgb(44, 108,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 96.5020, 38.6995, -46.0443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 108, 175) }
```

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

```
.background{ background-color: rgb(44, 108,  
175) }
```

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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