

Converting Colors

YUV(82.0480, 47.3043,
-52.6621)

Have a look what the booklet for
YUV(82.0480, 47.3043, -52.6621)
contains.

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Color

**YUV(82.0480, 47.3043,
-52.6621)**

Conversions

Conversions Part 1

Format	Color
Hex	165EB2
RGB	22, 94, 178
RGB Percent	9%, 37%, 70%
CMY	0.9137, 0.6314, 0.3020
CMYK	0.88, 0.47, 0.00, 0.30
HSL	212°, 78%, 39%
HSV	212°, 88%, 70%
XYZ	12.3695, 11.3903, 43.6661
YIQ	82.0480, -69.8760, 10.8600

Conversions

Conversions Part 2

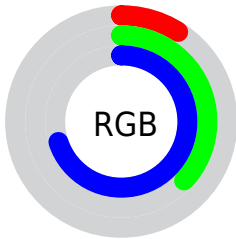
Format	Color
R _Y B	22, 71, 178
Decimal	1466034
CIE Lab	40.23, 11.01, -50.54
CIE LCh	40, 51.725, 282.289
Yxy	11.3903, 0.1835, 0.1689
Android (android.graphics.Color)	4279656114 (0xFF165EB2)
YUV	82.0480, 47.3043, -52.6621
Hunter-Lab	33.7496, 6.3598, -53.0863

Details

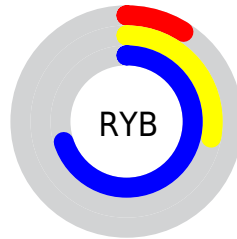
The YUV color **82.0480, 47.3043, -52.6621** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **117.9520, -47.3043, 52.6621**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2070, 46.2399, -37.8925**, and **43.0130, 40.4196, -37.7224** is the 20% darker color. If you saturate the color by 10%, you get **70.7960, 52.8516, -58.5801**, and if you desaturate by 10%, it is **93.3000, 41.7571, -46.7441**.

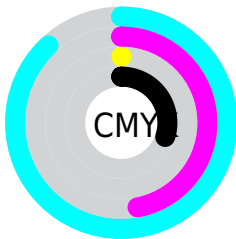
Distribution



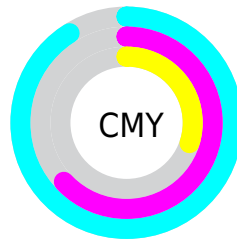
- Red (9%)
- Green (37%)
- Blue (70%)



- Red (9%)
- Yellow (28%)
- Blue (70%)



- Cyan (88%)
- Magenta (47%)
- Yellow (0%)
- Black (30%)



- Cyan (91%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0480, 47.3043, -52.6621 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 82.0480, 47.3043, -52.6621 by changing the saturation by 10% instead.

■ 82.0480, 47.3043,
-52.6621

■ 82.0480, 47.3043,
-52.6621

■ 255.0000, 0.0000,
0.0000

■ 58.8910, 45.4097,
-51.6474

■ 140.2070, 46.2399,
-37.8925

■ 43.0130, 40.4196,
-37.7224

■ 166.8330, 43.4663,
-34.9335

■ 28.3090, 34.8507,
-24.8270

■ 191.6520, 31.2306,
-30.3898

■ 9.1370, 32.4705,
-8.0131

■ 216.7590, 18.8528,
-26.9756

■ 8.1620, 21.1191,
-7.1581

■ 242.7520, 6.0383,
-23.4615

■ 4.4800, 12.0884,
-3.9290

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 82.0480, 47.3043,
-52.6621

■ 82.0480, 47.3043,
-52.6621

■ 70.7960, 52.8516,
-58.5801

■ 93.3000, 41.7571,
-46.7441

■ 68.4260, 54.0200,
-60.0096

■ 103.9650, 36.4993,
-40.3113

■ 114.9180, 31.0994,
-35.0081

■ 125.5830, 25.8416,
-28.5753

■ 136.8350, 20.2943,
-22.6573

■ 148.0870, 14.7471,
-16.7393

■ 158.7520, 9.4893,
-10.3065

■ 169.7050, 4.0894,
-5.0033

■ 180.3700, -1.1684,
1.4295

Harmonies

Analogous

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



82.2860, 46.2010, -72.1648



82.0480, 47.3043, -52.6621



97.3190, 29.9157, 18.1372

Triad

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



82.0480, 47.3043, -52.6621



90.4410, -25.3604, 61.0032



73.9690, -3.4357, -64.8708

Complementary

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



82.0480, 47.3043, -52.6621



117.9520, -47.3043, 52.6621

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.



81.1960, -27.7046, -27.3589



82.0480, 47.3043, -52.6621



89.6730, -44.2088, 39.7518

Square

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



82.0480, 47.3043, -52.6621



89.1860, -5.0217, 70.8739



86.8280, -42.8062, 9.7978



79.6860, 15.9308, -69.8846

Rectangle

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



82.0480, 47.3043, -52.6621



95.4490, 19.4986, 46.0872



86.8280, -42.8062, 9.7978



71.1990, -8.9721, -62.4415

Sweetspot

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



82.0480, 47.3043, -52.6621



195.2760, 18.1049, -20.4131



123.0340, -8.8908, -88.6068



95.0830, 10.8051, -12.3508



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



82.0480, 47.3043, -52.6621



89.2570, 70.3723, -78.2784



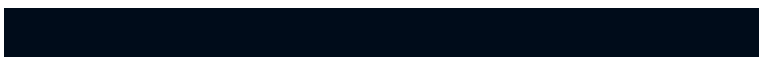
41.2790, 67.4035, -12.5227



83.3740, 2.7736, -2.9590



59.1190, 46.2833, -51.8474



10.0080, 7.8841, -8.7770

Inverse Universe

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



76.8520, 8.4540, 88.7068



81.5660, 12.5390, 131.9306



158.7210, -67.4035, 12.5227



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 82.0480, 47.3043, -52.6621 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 82.0480, 47.3043, -52.6621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

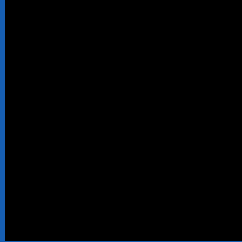
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.0480, 47.3043, -52.6621

Background



This preview shows how black text looks on a background with the YUV color 82.0480, 47.3043, -52.6621.



This preview shows how white text looks on a background with the YUV color 82.0480, 47.3043, -52.6621.

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

82.0480, 47.3043, -52.6621

Protanopia

89.3170, 42.7347, -33.6040

Deuteranopia

75.6180, 46.0373, -66.3170



Tritanopia

74.4030, 18.5353, -65.2514

Trichromacy



Original Color

82.0480, 47.3043, -52.6621

Protanomaly

86.7290, 44.5036, -40.9813

Deuteranomaly

77.7650, 46.4579, -61.1839

Tritanomaly

77.1830, 28.9968, -60.6735

Monochromacy



Original Color

82.0480, 47.3043, -52.6621

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7600, 17.3733, -19.0835

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0480, 47.3043, -52.6621 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(22, 94, 178)` looks like.

```
.text, #text, p{  
    color:rgb(22, 94, 178)  
}
```

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(22, 94, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 94, 178) }
```

Border

The CSS property to change the border of an element to YUV 82.0480, 47.3043, -52.6621 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(22, 94, 178) }
```


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

```
.border{ border-color:rgb(22, 94, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 94, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 94, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 94, 178);  
box-shadow:4px 4px 4px 4px rgb(22, 94,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 82.0480, 47.3043, -52.6621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 94, 178) }
```

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

```
.background{ background-color: rgb(22, 94,  
178) }
```

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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