

Converting Colors

YUV(92.6640, 46.5076,
-30.4003)

Have a look what the booklet for
YUV(92.6640, 46.5076, -30.4003)
contains.

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Color

**YUV(92.6640, 46.5076,
-30.4003)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5CBB
RGB	58, 92, 187
RGB Percent	23%, 36%, 73%
CMY	0.7725, 0.6392, 0.2667
CMYK	0.69, 0.51, 0.00, 0.27
HSL	224°, 53%, 48%
HSV	224°, 69%, 73%
XYZ	14.5417, 12.1417, 48.5909
YIQ	92.6640, -50.7590, 22.3370

Conversions

Conversions Part 2

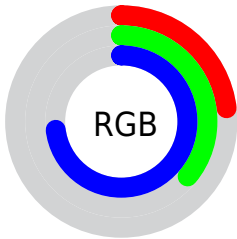
Format	Color
R_{YB}	58, 85, 187
Decimal	3824827
CIE _{Lab}	41.44, 19.83, -53.80
CIE _{LCh}	41, 57.341, 290.236
Yxy	12.1417, 0.1932, 0.1613
Android (android.graphics.Color)	4282014907 (0xFF3A5CBB)
YUV	92.6640, 46.5076, -30.4003
Hunter-Lab	34.8449, 13.5141, -58.2878

Details

The YUV color **92.6640, 46.5076, -30.4003** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **152.3360, -46.5076, 30.4003**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0500, 47.7963, -23.7229**, and **42.7510, 44.4928, -37.4926** is the 20% darker color. If you saturate the color by 10%, you get **78.7650, 53.3599, -34.8739**, and if you desaturate by 10%, it is **106.5630, 39.6554, -25.9268**.

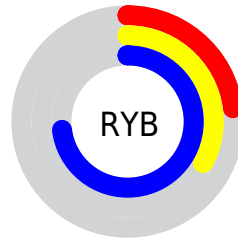
Distribution



Red (23%)

Green (36%)

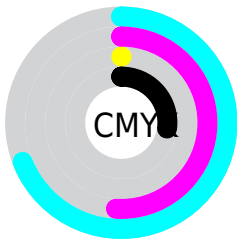
Blue (73%)



Red (23%)

Yellow (33%)

Blue (73%)

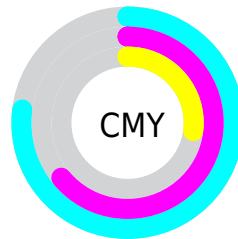


Cyan (69%)

Magenta (51%)

Yellow (0%)

Black (27%)



Cyan (77%)

Magenta (64%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.6640, 46.5076, -30.4003 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 92.6640, 46.5076, -30.4003 by changing the saturation by 10% instead.

■ 92.6640, 46.5076,
-30.4003

■ 92.6640, 46.5076,
-30.4003

■ 255.0000, 0.0000,
0.0000

■ 62.3310, 48.1508,
-44.1403

■ 147.0500, 47.7963,
-23.7229

■ 42.7510, 44.4928,
-37.4926

■ 172.2370, 40.8022,
-20.3788

■ 28.0470, 38.9238,
-24.5972

■ 196.7570, 28.7138,
-16.4499

■ 9.9350, 35.5280,
-8.7130

■ 221.8640, 16.3360,
-13.0357

■ 10.1340, 23.5979,
-8.8875

■ 247.8570, 3.5215,
-9.5216

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 92.6640, 46.5076,
-30.4003

■ 92.6640, 46.5076,
-30.4003

■ 78.7650, 53.3599,
-34.8739

■ 106.5630, 39.6554,
-25.9268

■ 65.1650, 60.0647,
-38.7327

■ 120.1630, 32.9506,
-22.0680

■ 51.8530, 66.6275,
-43.7211

■ 133.4750, 26.3878,
-17.0796

■ 50.0810, 67.5011,
-43.9210

■ 147.3740, 19.5356,
-12.6060

■ 161.2730, 12.6834,
-8.1324

■ 174.8730, 5.9786,
-4.2736

■ 188.1850, -0.5842,
0.7148

■ 202.0840, -7.4364,
5.1883

■ 215.6840,
-14.1412, 9.0471

Harmonies

Analogous

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



85.1700, 52.1742, -74.6941



92.6640, 46.5076, -30.4003



99.8910, 29.1407, 33.4216

Triad

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



92.6640, 46.5076, -30.4003



91.8620, -33.9490, 62.3880



78.3860, 0.7957, -68.7445

Complementary

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



92.6640, 46.5076, -30.4003



152.3360, -46.5076, 30.4003

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.



74.9370, -21.6609, -52.5647



92.6640, 46.5076, -30.4003



91.9990, -45.3555, 34.2039

Square

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



92.6640, 46.5076, -30.4003



89.1610, -10.4324, 79.6658



87.9470, -43.3579, 0.0465



84.5590, 21.9094, -74.1582

Rectangle

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



92.6640, 46.5076, -30.4003



95.3800, 17.5607, 61.0567



87.9470, -43.3579, 0.0465



75.9750, -5.9037, -66.6301

Sweetspot

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



92.6640, 46.5076, -30.4003



205.0320, 18.2252, -12.3061



144.5530, 4.1644, -75.9070



100.1160, 10.7888, -7.1177



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



92.6640, 46.5076, -30.4003



95.0250, 72.4587, -47.3799



81.6760, 51.9247, 5.5461



87.2000, 3.3524, -1.9294



42.6660, 56.8597, -37.4181



8.2300, 11.2256, -7.2177

Inverse Universe

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



100.4470, -4.1644, 75.9070



107.1410, -6.4785, 118.2713



163.3240, -51.9247, -5.5461



87.9190, -0.4531, 5.3330



52.0300, -4.9448, 92.9357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 92.6640, 46.5076, -30.4003 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 92.6640, 46.5076, -30.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

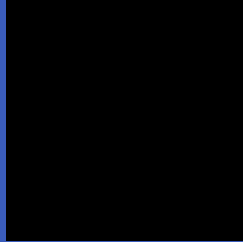
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.6640, 46.5076, -30.4003

Background



This preview shows how black text looks on a background with the YUV color 92.6640, 46.5076, -30.4003.



This preview shows how white text looks on a background with the YUV color 92.6640, 46.5076,

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

92.6640, 46.5076, -30.4003

Protanopia

88.6840, 49.4558, -42.6959

Deuteranopia

77.9490, 47.3531, -68.3613



Tritanopia

76.6200, 19.4143, -67.1957

Trichromacy



Original Color

92.6640, 46.5076, -30.4003

Protanomaly

90.0760, 48.2765, -37.7777

Deuteranomaly

83.0370, 47.3098, -54.4064

Tritanomaly

82.3410, 29.4119, -53.7961

Monochromacy



Original Color

92.6640, 46.5076, -30.4003

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9890, 16.7674, -11.3914

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6640, 46.5076, -30.4003 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(58, 92, 187)` looks like.

```
.text, #text, p{  
    color:rgb(58, 92, 187)  
}
```

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(58, 92, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 92, 187) }
```

Border

The CSS property to change the border of an element to YUV 92.6640, 46.5076, -30.4003 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(58, 92, 187) }
```


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

```
.border{ border-color:rgb(58, 92, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 92, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 92, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 92, 187);  
box-shadow:4px 4px 4px 4px rgb(58, 92,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 92.6640, 46.5076, -30.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 92, 187) }
```

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

```
.background{ background-color: rgb(58, 92,  
187) }
```

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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