

Converting Colors

YUV(90.6220, -0.3066, -41.7645)

Have a look what the booklet for
YUV(90.6220, -0.3066, -41.7645)
contains.

YUV(90.6220, -0.3066, -41.7645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.6220, -0.3066,
-41.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	2B735A
RGB	43, 115, 90
RGB Percent	17%, 45%, 35%
CMY	0.8314, 0.5490, 0.6471
CMYK	0.63, 0.00, 0.22, 0.55
HSL	159°, 46%, 31%
HSV	159°, 63%, 45%
XYZ	8.9725, 13.5132, 11.8083
YIQ	90.6220, -34.8870, -23.0390

Conversions

Conversions Part 2

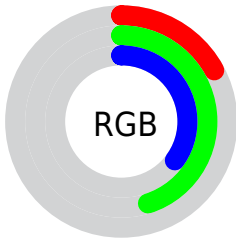
Format	Color
R_{YB}	43, 87, 115
Decimal	2847578
CIE _{Lab}	43.53, -28.92, 7.26
CIE _{LCh}	44, 29.813, 165.913
Yxy	13.5132, 0.2616, 0.3940
Android (android.graphics.Color)	4281037658 (0xFF2B735A)
YUV	90.6220, -0.3066, -41.7645
Hunter-Lab	36.7604, -20.7624, 6.6869




Details

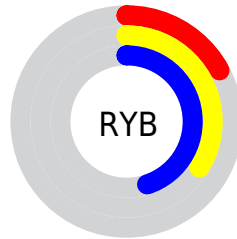
The YUV color **90.6220, -0.3066, -41.7645** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **67.3780, 0.3066, 41.7645**, and the grayscale version is **91.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **143.2800, -1.6170, -41.4646**, and **43.7580, 0.1193, -38.3758** is the 20% darker color. If you saturate the color by 10%, you get **86.8770, -0.4324, -48.1271**, and if you desaturate by 10%, it is **94.6660, -0.3283, -34.7871**.

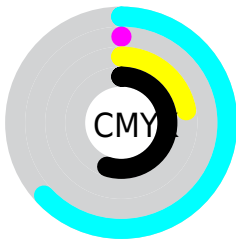
Distribution







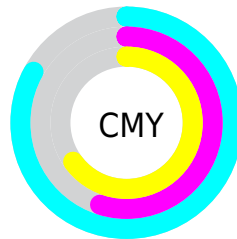
-  Red (17%)
-  Green (45%)
-  Blue (35%)






-  Red (17%)
-  Yellow (34%)
-  Blue (45%)



-  Cyan (63%)
-  Magenta (0%)
-  Yellow (22%)
-  Black (55%)



-  Cyan (83%)
-  Magenta (55%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6220, -0.3066, -41.7645 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 90.6220, -0.3066, -41.7645 by changing the saturation by 10% instead.

90.6220, -0.3066,
-41.7645

90.6220, -0.3066,
-41.7645

255.0000, 0.0000,
0.0000

63.4580, 1.7462,
-46.8827

143.2800, -1.6170,
-41.4646

43.7580, 0.1193,
-38.3758

170.1660, -2.0538,
-41.3646

27.9770, -1.9607,
-24.5358

197.8670, -1.9064,
-41.9794

12.3270, -6.0772,
-10.8108

226.3400, -2.6326,
-42.3942

0.0000, 0.0000,
0.0000

239.7790, 5.0390,
-29.6242

249.0200, 2.9481,

-12.2955

■ 90.6220, -0.3066,
-41.7645

■ 90.6220, -0.3066,
-41.7645

■ 86.8770, -0.4324,
-48.1271

■ 94.6660, -0.3283,
-34.7871

■ 82.8330, -0.4107,
-55.1045

■ 98.4110, -0.2026,
-28.4244

■ 79.0880, -0.5364,
-61.4672

■ 102.4550, -0.2243,
-21.4470

■ 76.0550, -0.5201,
-66.7002

■ 106.2000, -0.0986,
-15.0844

■ 110.2440, -0.1203,
-8.1070

■ 113.9890, 0.0054,
-1.7444

■ 118.0330, -0.0163,
5.2331

■ 121.7780, 0.1094,
11.5957

■ 125.8220, 0.0878,
18.5731

Harmonies

Analogous

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



96.7040, -14.6441, -16.4034



90.6220, -0.3066, -41.7645



81.3160, 17.0992, -71.3141

Triad

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



90.6220, -0.3066, -41.7645



102.4000, 23.4668, -13.5058



103.3500, -17.4275, 36.5271

Complementary

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



90.6220, -0.3066, -41.7645



67.3780, 0.3066, 41.7645

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.



103.9450, -6.3819, 40.3902



90.6220, -0.3066, -41.7645



105.5130, 15.5231, 14.4591

Square

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



90.6220, -0.3066, -41.7645



92.4450, 28.3746, -47.7483



105.2890, 5.2805, 33.0725



101.4810, -22.9151, 23.2572

Rectangle

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



90.6220, -0.3066, -41.7645



82.4390, 23.9406, -72.2990



105.2890, 5.2805, 33.0725



103.2840, -13.9440, 39.2159

Sweetspot

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



90.6220, -0.3066, -41.7645



140.6020, 0.1962, -16.3140



92.7390, -24.5213, -21.6961



70.8200, -0.4043, -10.3661



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.6220, -0.3066, -41.7645



112.0660, -0.5255, -64.9559



87.0150, 13.7966, -38.6012



56.9780, 0.0108, -3.4887



80.7340, -0.3619, -70.8037



165.3320, -1.1497, -144.9962

Inverse Universe

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



67.3780, 0.3066, 41.7645



75.9340, 0.5255, 64.9559



70.9850, -13.7966, 38.6012



55.0220, -0.0108, 3.4887



41.3800, 0.7987, 70.7037



84.6680, 1.1497, 144.9962

Previews

White Background



This preview shows how the YUV color 90.6220, -0.3066, -41.7645 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 90.6220, -0.3066, -41.7645 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 90.6220, -0.3066, -41.7645

Background



This preview shows how black text looks on a background with the YUV color 90.6220, -0.3066, -41.7645.



This preview shows how white text looks on a background with the YUV color 90.6220, -0.3066, -41.7645.

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

90.6220, -0.3066, -41.7645

Protanopia

101.7420, -8.7468, 5.4883

Deuteranopia

103.2140, -4.5425, 10.3363



Tritanopia

94.9830, 12.3334, -35.9421

Trichromacy



Original Color

90.6220, -0.3066, -41.7645

Protanomaly

97.7290, -5.7824, -12.0403

Deuteranomaly

98.8480, -2.8831, -8.6367

Tritanomaly

93.1200, 7.8288, -37.8162

Monochromacy



Original Color

90.6220, -0.3066, -41.7645

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2000, -0.0986, -15.0844

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6220, -0.3066, -41.7645 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(43, 115, 90)` looks like.

```
.text, #text, p{  
    color:rgb(43, 115, 90)  
}
```

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(43, 115, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 115, 90) }
```

Border

The CSS property to change the border of an element to YUV 90.6220, -0.3066, -41.7645 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(43, 115, 90) }
```


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

```
.border{ border-color:rgb(43, 115, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 115, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 115, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 115, 90);  
box-shadow:4px 4px 4px 4px rgb(43, 115,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 90.6220, -0.3066, -41.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 115, 90) }
```

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

```
.background{ background-color: rgb(43, 115,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor