

Converting Colors

YUV(90.1690, -6.4923, -17.6882)

Have a look what the booklet for
YUV(90.1690, -6.4923, -17.6882)
contains.

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Color

**YUV(90.1690, -6.4923,
-17.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	46674D
RGB	70, 103, 77
RGB Percent	27%, 40%, 30%
CMY	0.7255, 0.5961, 0.6980
CMYK	0.32, 0.00, 0.25, 0.60
HSL	133°, 19%, 34%
HSV	133°, 32%, 40%
XYZ	8.7156, 11.5384, 8.7890
YIQ	90.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

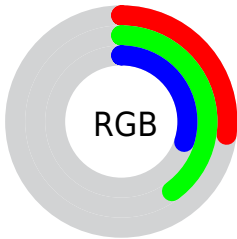
Format	Color
R_{YB}	70, 97, 103
Decimal	4613965
CIE Lab	40.47, -17.95, 10.93
CIE LCh	40, 21.015, 148.653
Yxy	11.5384, 0.3001, 0.3973
Android (android.graphics.Color)	4282804045 (0xFF46674D)
YUV	90.1690, -6.4923, -17.6882
Hunter-Lab	33.9682, -13.6448, 8.4370

Details

The YUV color $90.1690, -6.4923, -17.6882$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $82.8310, 6.4923, 17.6882$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $140.3430, -7.0711, -18.7178$, and $43.8100, -5.3293, -17.3734$ is the 20% darker color. If you saturate the color by 10%, you get $86.2670, -8.5126, -23.0362$, and if you desaturate by 10%, it is $94.0710, -4.4720, -12.3403$.

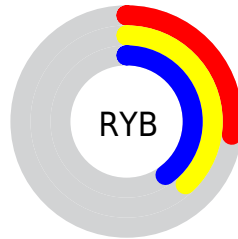
Distribution



Red (27%)

Green (40%)

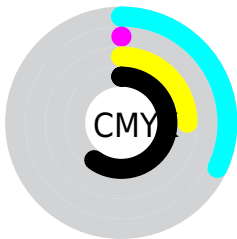
Blue (30%)



Red (27%)

Yellow (38%)

Blue (40%)

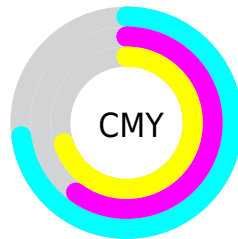


Cyan (32%)

Magenta (0%)

Yellow (25%)

Black (60%)



Cyan (73%)

Magenta (60%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1690, -6.4923, -17.6882 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 90.1690, -6.4923, -17.6882 by changing the saturation by 10% instead.

■ 90.1690, -6.4923,
-17.6882

■ 90.1690, -6.4923,
-17.6882

255.0000, 0.0000,
0.0000

■ 66.5820, -6.2029,
-17.1734

■ 140.3430, -7.0711,
-18.7178

■ 43.8100, -5.3293,
-17.3734

■ 166.9300, -7.3605,
-19.2326

■ 21.8100, -5.3293,
-17.3734

■ 194.5170, -7.6499,
-19.7474

■ 1.7610, -0.8682,
-1.5444

■ 222.4030, -8.0867,
-19.6474

■ 0.0000, 0.0000,
0.0000

■ 244.5330, -5.1928,
-14.4994

■ 90.1690, -6.4923,
-17.6882

■ 90.1690, -6.4923,
-17.6882

■ 86.2670, -8.5126,
-23.0362

■ 94.0710, -4.4720,
-12.3403

■ 82.0660, -10.3855,
-28.9989

■ 98.2720, -2.5991,
-6.3775

■ 78.1640, -12.4059,
-34.3468

■ 102.1740, -0.5788,
-1.0296

■ 74.2620, -14.4262,
-39.6948

■ 106.0760, 1.4415,
4.3183

■ 70.2460, -16.8833,
-44.9427

■ 110.3910, 3.7512,
10.1811

■ 66.0450, -18.7562,
-50.9055

■ 114.2930, 5.7716,
15.5290

■ 62.9690, -20.1977,
-55.2238

■ 118.1950, 7.7919,
20.8770

■ 122.0970, 9.8122,

26.2249

■ 126.2980, 11.6851,
32.1877

Harmonies

Analogous

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



92.4330, -13.5245, -2.1337



90.1690, -6.4923, -17.6882



87.3010, 3.3026, -32.7130

Triad

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



90.1690, -6.4923, -17.6882



92.8740, 17.8101, -19.1835



96.9990, -8.3805, 28.0649

Complementary

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



90.1690, -6.4923, -17.6882



82.8310, 6.4923, 17.6882

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.



98.0510, -0.5181, 26.2653



90.1690, -6.4923, -17.6882



96.6700, 13.9667, 0.2894

Square

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



90.1690, -6.4923, -17.6882



88.0630, 17.7169, -36.0123



98.4610, 7.6607, 16.2587



95.7720, -14.1846, 23.0020

Rectangle

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



90.1690, -6.4923, -17.6882



85.6790, 10.0183, -40.0605



98.4610, 7.6607, 16.2587



97.2810, -6.0545, 28.6946

Sweetspot

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



90.1690, -6.4923, -17.6882



129.9730, -2.4517, -6.9923



97.1450, -13.3825, -1.0042



65.8100, -1.8783, -4.2184



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



90.1690, -6.4923, -17.6882



115.1910, -9.9542, -27.3545



91.9930, 0.4965, -19.2879



49.0490, -1.0102, -2.6740



70.2410, -22.7968, -61.6014



147.8680, -47.7559, -129.6802

Inverse Universe

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



82.8310, 6.4923, 17.6882



103.8090, 9.9542, 27.3545



81.0070, -0.4965, 19.2879



47.9510, 1.0102, 2.6740



44.6450, 22.3600, 61.7013



94.1320, 47.7559, 129.6802

Previews

White Background



This preview shows how the YUV color 90.1690, -6.4923, -17.6882 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 90.1690, -6.4923, -17.6882 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 90.1690, -6.4923, -17.6882

Background



This preview shows how black text looks on a background with the YUV color 90.1690, -6.4923, -17.6882.



This preview shows how white text looks on a background with the YUV color 90.1690, -6.4923, -17.6882.

-17.6882.

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

90.1690, -6.4923, -17.6882

Protanopia

94.2860, -10.4940, 5.8882

Deuteranopia

95.3130, -8.0423, 12.8805



Tritanopia

93.0350, 6.8847, -14.9397

Trichromacy



Original Color

90.1690, -6.4923, -17.6882

Protanomaly

92.8720, -9.3039, -2.5187

Deuteranomaly

93.0620, -7.4256, 1.6996

Tritanomaly

91.7700, 2.0854, -15.5843

Monochromacy



Original Color

90.1690, -6.4923, -17.6882

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2720, -2.5991, -6.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1690, -6.4923, -17.6882 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(70, 103, 77)` looks like.

```
.text, #text, p{  
    color:rgb(70, 103, 77)  
}
```

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(70, 103, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 103, 77) }
```

Border

The CSS property to change the border of an element to YUV 90.1690, -6.4923, -17.6882 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(70, 103, 77) }
```


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

```
.border{ border-color:rgb(70, 103, 77) }
```

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

Here you see how a box with a 4 pixel rgb(70, 103, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 103, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 103, 77);  
box-shadow:4px 4px 4px 4px rgb(70, 103,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 90.1690, -6.4923, -17.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 103, 77) }
```

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

```
.background{ background-color: rgb(70, 103,  
77) }
```

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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