

Converting Colors

YUV(90.4730, -4.1772, -13.5698)

Have a look what the booklet for
YUV(90.4730, -4.1772, -13.5698)
contains.

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Color

**YUV(90.4730, -4.1772,
-13.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6452
RGB	75, 100, 82
RGB Percent	29%, 39%, 32%
CMY	0.7059, 0.6078, 0.6784
CMYK	0.25, 0.00, 0.18, 0.61
HSL	137°, 14%, 34%
HSV	137°, 25%, 39%
XYZ	8.9818, 11.2194, 9.6748
YIQ	90.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

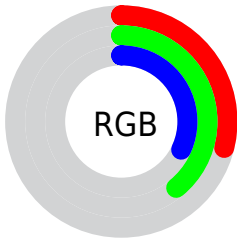
Format	Color
RYB	75, 95, 100
Decimal	4940882
CIELab	39.95, -13.41, 7.21
CIElCh	40, 15.228, 151.719
Yxy	11.2194, 0.3006, 0.3755
Android (android.graphics.Color)	4283130962 (0xFF4B6452)
YUV	90.4730, -4.1772, -13.5698
Hunter-Lab	33.4954, -10.7520, 6.3214

Details

The YUV color **90.4730, -4.1772, -13.5698** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.5270, 4.1772, 13.5698**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6470, -4.7560, -14.5994**, and **44.2990, -3.5984, -12.5402** is the 20% darker color. If you saturate the color by 10%, you get **86.6850, -5.7607, -19.0177**, and if you desaturate by 10%, it is **94.2610, -2.5937, -8.1219**.

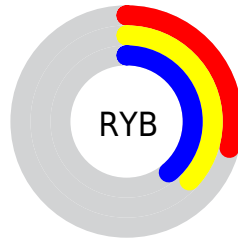
Distribution



Red (29%)

Green (39%)

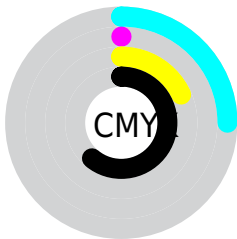
Blue (32%)



Red (29%)

Yellow (37%)

Blue (39%)

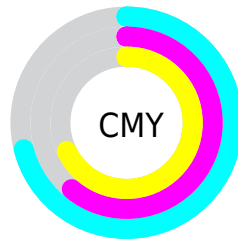


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4730, -4.1772, -13.5698 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 90.4730, -4.1772, -13.5698 by changing the saturation by 10% instead.

■ 90.4730, -4.1772,
-13.5698

■ 90.4730, -4.1772,
-13.5698

255.0000, 0.0000,
0.0000

■ 66.8860, -3.8878,
-13.0550

■ 140.6470, -4.7560,
-14.5994

■ 44.2990, -3.5984,
-12.5402

■ 167.2340, -5.0454,
-15.1142

■ 23.4130, -3.1616,
-12.6402

■ 194.2340, -5.0454,
-15.1142

■ 0.0000, 0.0000,
0.0000

■ 222.2340, -5.0454,
-15.1142

■ 246.7120, -3.3090,
-12.0254

■ 90.4730, -4.1772,
-13.5698

■ 90.4730, -4.1772,
-13.5698

■ 86.6850, -5.7607,
-19.0177

■ 94.2610, -2.5937,
-8.1219

■ 82.8970, -7.3442,
-24.4657

■ 98.0490, -1.0102,
-2.6740

■ 78.9950, -9.3645,
-29.8136

■ 101.9510, 1.0102,
2.6740

■ 75.2070, -10.9481,
-35.2615

■ 105.7390, 2.5937,
8.1219

■ 71.4190, -12.5316,
-40.7095

■ 109.5270, 4.1772,
13.5698

■ 67.6310, -14.1151,
-46.1574

■ 113.3150, 5.7607,
19.0177

■ 63.8430, -15.6986,
-51.6053

■ 117.1030, 7.3442,
24.4657

■ 61.8920, -16.7088,

■ 121.0050, 9.3645,

-54.2793

29.8136

■ 124.7930, 10.9481,
35.2615

Harmonies

Analogous

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



91.8720, -9.3039, -2.5187



90.4730, -4.1772, -13.5698



88.8400, 2.5439, -22.6617

Triad

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



90.4730, -4.1772, -13.5698



93.2510, 12.6943, -11.6211



95.4110, -6.6116, 20.6876

Complementary

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



90.4730, -4.1772, -13.5698



84.5270, 4.1772, 13.5698

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.



95.8930, -0.9332, 19.3878



90.4730, -4.1772, -13.5698



95.5300, 9.5987, 1.2892

Square

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



90.4730, -4.1772, -13.5698



90.7720, 12.4374, -22.6020



96.3420, 4.7614, 12.8551



94.3520, -10.5265, 16.3543

Rectangle

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



90.4730, -4.1772, -13.5698



88.6700, 7.0647, -26.0206



96.3420, 4.7614, 12.8551



96.1660, -5.0118, 20.9024

Sweetspot

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



90.4730, -4.1772, -13.5698



126.2120, -1.5835, -5.4479



95.0570, -9.8881, -1.8040



63.7500, -0.8627, -3.2887



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



90.4730, -4.1772, -13.5698



115.1470, -6.4815, -21.1769



91.8410, 1.0644, -14.7696



49.0490, -1.0102, -2.6740



71.1530, -19.3024, -62.4012



149.8060, -40.3304, -131.3799

Inverse Universe

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



84.5270, 4.1772, 13.5698



105.8530, 6.4815, 21.1769



83.1590, -1.0644, 14.7696



47.9510, 1.0102, 2.6740



43.8470, 19.3024, 62.4012



92.1940, 40.3304, 131.3799

Previews

White Background



This preview shows how the YUV color 90.4730, -4.1772, -13.5698 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 90.4730, -4.1772, -13.5698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

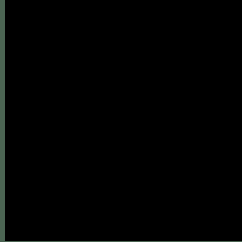
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.4730, -4.1772, -13.5698

Background



This preview shows how black text looks on a background with the YUV color 90.4730, -4.1772, -13.5698.



This preview shows how white text looks on a background with the YUV color 90.4730, -4.1772, -13.5698.

-13.5698.

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

90.4730, -4.1772, -13.5698

Protanopia

93.7850, -7.2890, 4.5736

Deuteranopia

94.3990, -5.1267, 11.0511



Tritanopia

92.5300, 6.1477, -11.8658

Trichromacy



Original Color

90.4730, -4.1772, -13.5698

Protanomaly

92.3820, -6.1043, -2.0890

Deuteranomaly

93.0450, -4.9522, 1.7145

Tritanomaly

91.9060, 2.5113, -12.1956

Monochromacy



Original Color

90.4730, -4.1772, -13.5698

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.5110, -1.7309, -4.8331

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4730, -4.1772, -13.5698 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(75, 100, 82)` looks like.

```
.text, #text, p{  
    color:rgb(75, 100, 82)  
}
```

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(75, 100, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 100, 82) }
```

Border

The CSS property to change the border of an element to YUV 90.4730, -4.1772, -13.5698 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(75, 100, 82) }
```


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

```
.border{ border-color:rgb(75, 100, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 100, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 100, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 100, 82);  
box-shadow:4px 4px 4px 4px rgb(75, 100,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 90.4730, -4.1772, -13.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 100, 82) }
```

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

```
.background{ background-color: rgb(75, 100,  
82) }
```

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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