

Converting Colors

YUV(90.3960, -17.4502, -2.9783)

Have a look what the booklet for
YUV(90.3960, -17.4502, -2.9783)
contains.

YUV(90.3960, -17.4502, -2.9783)	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(90.3960, -17.4502,
-2.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	576337
RGB	87, 99, 55
RGB Percent	34%, 39%, 22%
CMY	0.6588, 0.6118, 0.7843
CMYK	0.12, 0.00, 0.44, 0.61
HSL	76°, 29%, 30%
HSV	76°, 44%, 39%
XYZ	9.0819, 11.2258, 5.3025
YIQ	90.3960, 6.9720, -16.2280

Conversions

Conversions Part 2

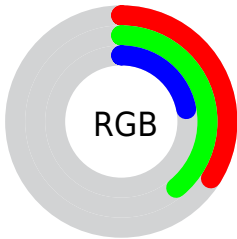
Format	Color
RYB	55, 99, 67
Decimal	5727031
CIELab	39.96, -12.61, 23.44
CIElCh	40, 26.621, 118.281
Yxy	11.2258, 0.3546, 0.4383
Android (android.graphics.Color)	4283917111 (0xFF576337)
YUV	90.3960, -17.4502, -2.9783
Hunter-Lab	33.5049, -10.2488, 14.0700

Details

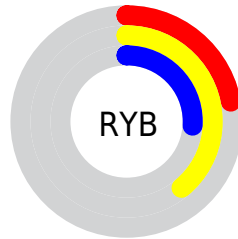
The YUV color **90.3960, -17.4502, -2.9783** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.6040, 17.4502, 2.9783**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0540, -18.7606, -2.6784**, and **43.7380, -16.1398, -3.2782** is the 20% darker color. If you saturate the color by 10%, you get **88.3590, -21.3760, -3.8228**, and if you desaturate by 10%, it is **92.4330, -13.5245, -2.1337**.

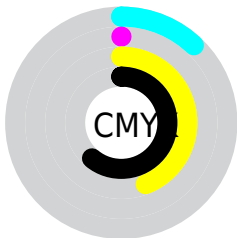
Distribution



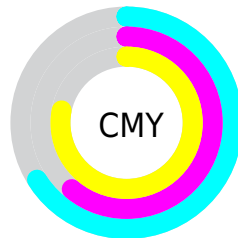
- Red (34%)
- Green (39%)
- Blue (22%)



- Red (22%)
- Yellow (39%)
- Blue (26%)



- Cyan (12%)
- Magenta (0%)
- Yellow (44%)
- Black (61%)



- Cyan (66%)
- Magenta (61%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3960, -17.4502, -2.9783 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 90.3960, -17.4502, -2.9783 by changing the saturation by 10% instead.

90.3960, -17.4502,
-2.9783

90.3960, -17.4502,
-2.9783

255.0000, 0.0000,
0.0000

66.6240, -16.5766,
-3.1782

141.0540,
-18.7606, -2.6784

43.7380, -16.1398,
-3.2782

166.9400,
-19.1974, -2.5784

24.1770, -11.9193,
-3.6632

194.7120,
-20.0710, -2.3784

0.0000, 0.0000,
0.0000

222.5980,
-20.5078, -2.2784

247.6630,
-19.0609, 0.2955

252.9480, -7.8624,

1.7996

■ 90.3960, -17.4502,
-2.9783

■ 90.3960, -17.4502,
-2.9783

■ 88.3590, -21.3760,
-3.8228

■ 92.4330, -13.5245,
-2.1337

■ 86.6210, -25.4492,
-4.0526

■ 94.1710, -9.4513,
-1.9040

■ 84.5840, -29.3749,
-4.8972

■ 96.2080, -5.5255,
-1.0594

■ 82.5470, -33.3007,
-5.7417

■ 98.2450, -1.5998,
-0.2149

■ 80.9230, -36.9370,
-6.0715

■ 100.2820, 2.3260,
0.6297

■ 79.6410, -39.2630,
-6.7012

■ 101.9060, 5.9623,
0.9594

■ 103.9430, 9.8881,
1.8040

■ 105.9800, 13.8139,
2.6485

■ 107.7180, 17.8870,
2.8783

Harmonies

Analogous

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



92.2950, -20.8514, 14.6503



90.3960, -17.4502, -2.9783



86.7940, -7.7864, -22.6213

Triad

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



90.3960, -17.4502, -2.9783



76.6020, 26.8182, -61.9180



96.2090, -0.1030, 33.1427

Complementary

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



90.3960, -17.4502, -2.9783



63.6040, 17.4502, 2.9783

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.



96.7650, 9.9759, 20.3771



90.3960, -17.4502, -2.9783



90.1980, 23.0734, -27.3606

Square

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



90.3960, -17.4502, -2.9783



74.6310, 19.4089, -65.4514



95.6960, 17.8979, -0.6104



95.2880, -10.0020, 34.8274

Rectangle

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



90.3960, -17.4502, -2.9783



83.2850, 0.8455, -37.9609



95.6960, 17.8979, -0.6104



96.8110, 3.5442, 29.9838

Sweetspot

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



90.3960, -17.4502, -2.9783



124.5670, -6.6885, -1.3743



75.2000, -9.9586, 20.8726



61.9630, -3.9258, -0.8446



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



90.3960, -17.4502, -2.9783



114.5670, -26.9015, -4.8823



83.8180, -14.2073, -16.5034



47.2450, -1.5998, -0.2149



90.2620, -44.4992, -7.2458



192.9060, -95.1027, -16.5806

Inverse Universe

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



63.6040, 17.4502, 2.9783



73.1340, 27.0489, 4.2675



70.1820, 14.2073, 16.5034



44.7550, 1.5998, 0.2149



22.0370, 44.3518, 7.8606



46.7950, 95.2501, 15.9658

Previews

White Background



This preview shows how the YUV color 90.3960, -17.4502, -2.9783 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 90.3960, -17.4502, -2.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

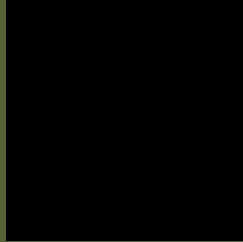
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3960, -17.4502, -2.9783

Background



This preview shows how black text looks on a background with the YUV color 90.3960, -17.4502, -2.9783.



This preview shows how white text looks on a background with the YUV color 90.3960, -17.4502, -2.9783.

-2.9783.

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

90.3960, -17.4502, -2.9783

Protanopia

92.0170, -19.2354, 9.6321

Deuteranopia

93.4140, -17.9521, 18.0539



Tritanopia

94.4990, 3.2050, -1.3146

Trichromacy



Original Color

90.3960, -17.4502, -2.9783

Protanomaly

91.5110, -18.4929, 4.8139

Deuteranomaly

92.0710, -17.7830, 10.4617

Tritanomaly

93.1370, -4.5045, -1.8741

Monochromacy



Original Color

90.3960, -17.4502, -2.9783

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3960, -17.4502, -2.9783 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(87, 99, 55)` looks like.

```
.text, #text, p{  
    color:rgb(87, 99, 55)  
}
```

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(87, 99, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 99, 55) }
```

Border

The CSS property to change the border of an element to YUV 90.3960, -17.4502, -2.9783 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(87, 99, 55) }
```


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

```
.border{ border-color:rgb(87, 99, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 99, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 99, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 99, 55);  
box-shadow:4px 4px 4px 4px rgb(87, 99, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.3960, -17.4502, -2.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 99, 55) }
```

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

```
.background{ background-color: rgb(87, 99,  
55) }
```

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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