

Converting Colors

YUV(90.4240, -19.9290, -1.2488)

Have a look what the booklet for
YUV(90.4240, -19.9290, -1.2488)
contains.

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Color

**YUV(90.4240, -19.9290,
-1.2488)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 596332 |
| RGB | 89, 99, 50 |
| RGB Percent | 35%, 39%, 20% |
| CMY | 0.6510, 0.6118, 0.8039 |
| CMYK | 0.10, 0.00, 0.49, 0.61 |
| HSL | 72°, 33%, 29% |
| HSV | 72°, 49%, 39% |
| XYZ | 9.1574, 11.2778, 4.7118 |
| YIQ | 90.4240, 9.7690, -17.3590 |

Conversions

Conversions Part 2

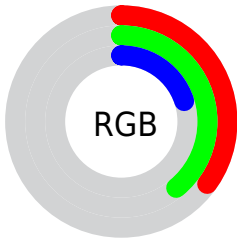
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 50, 99, 60 |
| Decimal | 5858098 |
| CIELab | 40.04, -12.35, 26.41 |
| CIELCh | 40, 29.158, 115.067 |
| Yxy | 11.2778, 0.3642, 0.4485 |
| Android (android.graphics.Color) | 4284048178 (0xFF596332) |
| YUV | 90.4240, -19.9290, -1.2488 |
| Hunter-Lab | 33.5825, -10.0953, 15.1890 |

Details

The YUV color $90.4240, -19.9290, -1.2488$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $58.5760, 19.9290, 1.2488$, and the grayscale version is $91.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $141.0820, -21.2394, -0.9489$, and $43.5380, -19.4922, -1.3488$ is the 20% darker color. If you saturate the color by 10%, you get $88.6860, -24.0022, -1.4786$, and if you desaturate by 10%, it is $92.1620, -15.8559, -1.0191$.

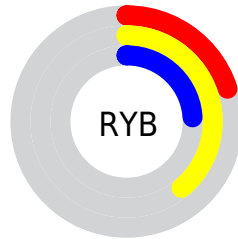
Distribution



Red (35%)

Green (39%)

Blue (20%)



Red (20%)

Yellow (39%)

Blue (24%)

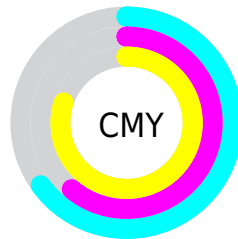


Cyan (10%)

Magenta (0%)

Yellow (49%)

Black (61%)



Cyan (65%)

Magenta (61%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4240, -19.9290, -1.2488 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 90.4240, -19.9290, -1.2488 by changing the saturation by 10% instead.

90.4240, -19.9290,
-1.2488

90.4240, -19.9290,
-1.2488

255.0000, 0.0000,
0.0000

66.6520, -19.0554,
-1.4488

141.0820,
-21.2394, -0.9489

43.5380, -19.4922,
-1.3488

167.2670,
-21.8236, -0.2342

24.1770, -11.9193,
-3.6632

194.7400,
-22.5498, -0.6490

0.0000, 0.0000,
0.0000

222.6260,
-22.9866, -0.5490

247.8760,
-22.1239, 2.7397

252.2640,

-10.4832, 2.3995

■ 90.4240, -19.9290,
-1.2488

■ 90.4240, -19.9290,
-1.2488

■ 88.6860, -24.0022,
-1.4786

■ 92.1620, -15.8559,
-1.0191

■ 86.9480, -28.0754,
-1.7084

■ 93.9000, -11.7827,
-0.7893

■ 85.2100, -32.1485,
-1.9382

■ 95.6380, -7.7095,
-0.5595

■ 83.4720, -36.2217,
-2.1679

■ 97.3760, -3.6364,
-0.3298

■ 81.8480, -39.8581,
-2.4977

■ 99.1140, 0.4368,
-0.1000

■ 81.7340, -40.2949,
-2.3977

■ 100.7380, 4.0732,
0.2298

■ 102.4760, 8.1463,
0.4595

■ 104.2140, 12.2195,
0.6893

■ 105.9520, 16.2927,
0.9191

Harmonies

Analogous

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



93.0350, -23.1883, 17.5093



90.4240, -19.9290, -1.2488



86.8110, -10.2598, -22.6362

Triad

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



90.4240, -19.9290, -1.2488



76.2100, 27.9975, -66.8362



96.2740, 1.3439, 35.7167

Complementary

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



90.4240, -19.9290, -1.2488



58.5760, 19.9290, 1.2488

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.



97.3350, 12.1598, 19.8772



90.4240, -19.9290, -1.2488



87.6530, 26.3001, -35.6527

Square

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



90.4240, -19.9290, -1.2488



75.2180, 19.1195, -65.9662



95.6570, 20.3821, -4.0842



95.0220, -9.8708, 39.4457

Rectangle

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



90.4240, -19.9290, -1.2488



82.2200, -0.6015, -40.5349



95.6570, 20.3821, -4.0842



97.1640, 4.8491, 31.4282

Sweetspot

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



90.4240, -19.9290, -1.2488



124.5240, -8.1463, -0.4595



70.5210, -10.1169, 24.9761



61.7350, -4.7994, -0.6446



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.



90.4240, -19.9290, -1.2488



114.5520, -30.8381, -2.2381



83.2480, -16.3913, -16.0035



47.2450, -1.5998, -0.2149



92.3550, -45.5310, -2.9423



197.9890, -97.6086, -6.1294

Inverse Universe

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



58.5760, 19.9290, 1.2488



65.4480, 30.8381, 2.2381



65.7520, 16.3913, 16.0035



44.7550, 1.5998, 0.2149



19.6450, 45.5310, 2.9423



42.0110, 97.6086, 6.1294

Previews

White Background



This preview shows how the YUV color 90.4240, -19.9290, -1.2488 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 90.4240, -19.9290, -1.2488 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 90.4240, -19.9290, -1.2488

Background



This preview shows how black text looks on a background with the YUV color 90.4240, -19.9290, -1.2488.



This preview shows how white text looks on a background with the YUV color 90.4240, -19.9290,

-1.2488.

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

90.4240, -19.9290, -1.2488

Protanopia

91.7460, -21.5668, 10.7468

Deuteranopia

93.1430, -20.2835, 19.1686



Tritanopia

94.5100, 3.1996, 0.4297

Trichromacy



Original Color

90.4240, -19.9290, -1.2488

Protanomaly

91.5390, -20.9717, 6.5433

Deuteranomaly

92.0990, -20.2618, 12.1912

Tritanomaly

92.9200, -5.3836, 0.0702

Monochromacy



Original Color

90.4240, -19.9290, -1.2488

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4240, -19.9290, -1.2488 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(89, 99, 50)` looks like.

```
.text, #text, p{  
    color:rgb(89, 99, 50)  
}
```

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(89, 99, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 99, 50) }
```

Border

The CSS property to change the border of an element to YUV 90.4240, -19.9290, -1.2488 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(89, 99, 50) }
```


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

```
.border{ border-color:rgb(89, 99, 50) }
```

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

Here you see how a box with a 4 pixel rgb(89, 99, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 99, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 99, 50);  
box-shadow:4px 4px 4px 4px rgb(89, 99, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.4240, -19.9290, -1.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 99, 50) }
```

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

```
.background{ background-color: rgb(89, 99,  
50) }
```

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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