

Converting Colors

YUV(90.0500, -19.2516,
14.8652)

Have a look what the booklet for
YUV(90.0500, -19.2516, 14.8652)
contains.

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Color

**YUV(90.0500, -19.2516,
14.8652)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5933
RGB	107, 89, 51
RGB Percent	42%, 35%, 20%
CMY	0.5804, 0.6510, 0.8000
CMYK	0.00, 0.17, 0.52, 0.58
HSL	41°, 35%, 31%
HSV	41°, 52%, 42%
XYZ	10.2333, 10.5096, 4.6212
YIQ	90.0500, 22.9260, -8.0020

Conversions

Conversions Part 2

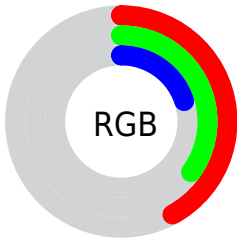
Format	Color
R_{YB}	78, 107, 51
Decimal	7035187
CIE Lab	38.74, 1.91, 24.62
CIE LCh	39, 24.693, 85.568
Yxy	10.5096, 0.4035, 0.4143
Android (android.graphics.Color)	4285225267 (0xFF6B5933)
YUV	90.0500, -19.2516, 14.8652
Hunter-Lab	32.4185, -0.3864, 14.2413

Details

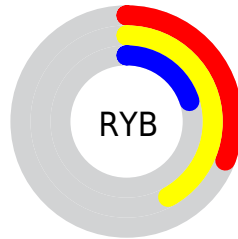
The YUV color $90.0500, -19.2516, 14.8652$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $67.9500, 19.2517, -14.8651$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $140.6050, -21.0043, 17.0094$, and $43.8540, -18.6620, 12.4060$ is the 20% darker color. If you saturate the color by 10%, you get $87.0350, -23.1883, 17.5093$, and if you desaturate by 10%, it is $93.0650, -15.3150, 12.2210$.

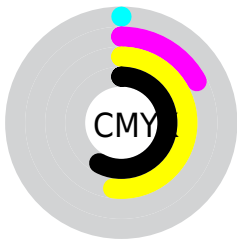
Distribution



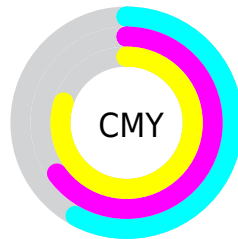
- Red (42%)
- Green (35%)
- Blue (20%)



- Red (31%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (17%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0500, -19.2516, 14.8652 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 90.0500, -19.2516, 14.8652 by changing the saturation by 10% instead.

■ 90.0500, -19.2516,
14.8652

■ 90.0500, -19.2516,
14.8652

■ 255.0000, 0.0000,
0.0000

■ 66.5660, -18.5200,
13.5356

■ 140.6050,
-21.0043, 17.0094

■ 43.8540, -18.6620,
12.4060

■ 166.7900,
-21.5885, 17.7242

■ 23.9660, -11.8152,
9.6768

■ 193.9750,
-22.1727, 18.4389

■ 0.0000, 0.0000,
0.0000

■ 222.1600,
-22.7569, 19.1537

■ 245.6640,
-20.5404, 8.1877

■ 252.3780,

-10.0464, 2.2995

■ 90.0500, -19.2516,
14.8652

■ 90.0500, -19.2516,
14.8652

■ 87.0350, -23.1883,
17.5093

■ 93.0650, -15.3150,
12.2210

■ 83.5470, -26.3987,
20.5683

■ 96.5530, -12.1046,
9.1620

■ 80.5320, -30.3353,
23.2124

■ 99.5680, -8.1680,
6.5179

■ 76.9300, -33.9825,
26.3714

■ 103.1700, -4.5208,
3.3589

■ 74.8440, -36.8981,
28.2008

■ 106.1850, -0.5842,
0.7148

■ 109.6730, 2.6262,
-2.3442

■ 112.6880, 6.5628,
-4.9884

■ 116.2900, 10.2100,
-8.1473

■ 119.1910, 13.7098,
-10.6915

Harmonies

Analogous

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



91.3380, -15.9426, 26.8906



90.0500, -19.2516, 14.8652



87.9340, -16.7295, -0.8191

Triad

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



90.0500, -19.2516, 14.8652



72.4850, 17.5089, -62.6923



94.0420, 9.8393, 17.5032

Complementary

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



90.0500, -19.2516, 14.8652



67.9500, 19.2517, -14.8651

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.



92.1580, 17.1771, -2.7696



90.0500, -19.2516, 14.8652



77.3320, 23.0073, -52.9112

Square

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



90.0500, -19.2516, 14.8652



80.5560, 3.1769, -39.0756



86.8560, 21.7630, -27.0607



93.4150, 0.7814, 29.4540

Rectangle

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



90.0500, -19.2516, 14.8652



85.8230, -11.7447, -12.9998



86.8560, 21.7630, -27.0607



93.6930, 12.4764, 11.6702

Sweetspot

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



90.0500, -19.2516, 14.8652



133.3830, -7.5838, 5.8031



69.9100, 0.0444, 32.5279



67.1700, -4.5208, 3.3589



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



90.0500, -19.2516, 14.8652



113.5320, -30.3353, 23.2124



97.9250, -23.1340, 0.0658



52.1420, -2.0420, 1.6295



81.9430, -40.3979, 30.7450



170.6970, -84.1536, 65.1637

Inverse Universe

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



67.9500, 19.2517, -14.8651



78.4680, 30.3353, -23.2124



60.0750, 23.1340, -0.0658



49.8580, 2.0420, -1.6295



35.6440, 40.1085, -31.2598



74.3030, 84.1536, -65.1637

Previews

White Background



This preview shows how the YUV color 90.0500, -19.2516, 14.8652 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 90.0500, -19.2516, 14.8652 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 90.0500, -19.2516, 14.8652

Background



This preview shows how black text looks on a background with the YUV color 90.0500, -19.2516, 14.8652.



This preview shows how white text looks on a background with the YUV color 90.0500, -19.2516,

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

90.0500, -19.2516, 14.8652

Protanopia

89.2450, -18.3618, 9.4321

Deuteranopia

90.0720, -19.2625, 18.3539



Tritanopia

92.8710, -0.9224, 15.8991

Trichromacy



Original Color

90.0500, -19.2516, 14.8652

Protanomaly

89.5550, -18.5146, 11.7913

Deuteranomaly

90.3600, -19.4045, 17.2243

Tritanomaly

92.0360, -7.9057, 15.7544

Monochromacy



Original Color

90.0500, -19.2516, 14.8652

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1980, -6.9996, 5.0884

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0500, -19.2516, 14.8652 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(107, 89, 51)` looks like.

```
.text, #text, p{  
    color:rgb(107, 89, 51)  
}
```

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(107, 89, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 89, 51) }
```

Border

The CSS property to change the border of an element to YUV 90.0500, -19.2516, 14.8652 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(107, 89, 51) }
```


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

```
.border{ border-color:rgb(107, 89, 51) }
```

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

Here you see how a box with a 4 pixel rgb(107, 89, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 89, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 89, 51);  
box-shadow:4px 4px 4px 4px rgb(107, 89,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 90.0500, -19.2516, 14.8652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 89, 51) }
```

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

```
.background{ background-color: rgb(107, 89,  
51) }
```

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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