

Converting Colors

YUV(85.9690, -19.7047,
20.1982)

Have a look what the booklet for
YUV(85.9690, -19.7047, 20.1982)
contains.

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Color

**YUV(85.9690, -19.7047,
20.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	6D522E
RGB	109, 82, 46
RGB Percent	43%, 32%, 18%
CMY	0.5725, 0.6784, 0.8196
CMYK	0.00, 0.25, 0.58, 0.57
HSL	34°, 41%, 30%
HSV	34°, 58%, 43%
XYZ	9.8171, 9.4831, 3.8978
YIQ	85.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

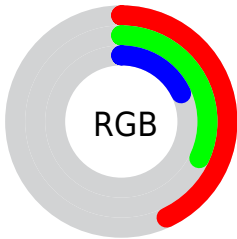
Format	Color
RYB	93, 109, 46
Decimal	7164462
CIELab	36.90, 6.59, 25.29
CIELCh	37, 26.133, 75.404
Yxy	9.4831, 0.4232, 0.4088
Android (android.graphics.Color)	4285354542 (0xFF6D522E)
YUV	85.9690, -19.7047, 20.1982
Hunter-Lab	30.7946, 3.0142, 14.0517

Details

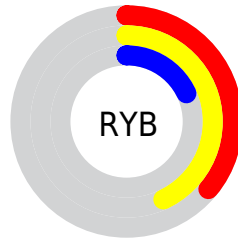
The YUV color **85.9690, -19.7047, 20.1982** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **69.0310, 19.7047, -20.1982**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9370, -21.1679, 22.8573**, and **39.3600, -19.4045, 17.2243** is the 20% darker color. If you saturate the color by 10%, you get **81.7800, -23.0625, 23.8719**, and if you desaturate by 10%, it is **90.1580, -16.3469, 16.5244**.

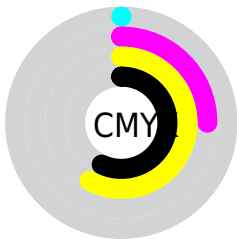
Distribution



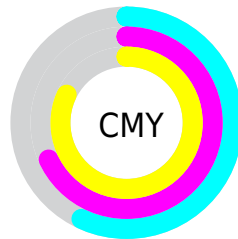
- Red (43%)
- Green (32%)
- Blue (18%)



- Red (36%)
- Yellow (43%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (58%)
- Black (57%)



- Cyan (57%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9690, -19.7047, 20.1982 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 85.9690, -19.7047, 20.1982 by changing the saturation by 10% instead.

85.9690, -19.7047,
20.1982

85.9690, -19.7047,
20.1982

255.0000, 0.0000,
0.0000

62.1860, -18.8257,
18.2539

135.9370,
-21.1679, 22.8573

39.3600, -19.4045,
17.2243

162.4210,
-21.8996, 24.1868

20.4440, -10.0789,
12.7656

189.9050,
-22.6312, 25.5163

0.0000, 0.0000,
0.0000

217.9760,
-23.6522, 26.3310

239.6970,
-20.5566, 13.4207

251.6940,

-12.6671, 2.8994

254.8860, -0.4368,
0.1000

■ 85.9690, -19.7047,
20.1982

■ 85.9690, -19.7047,
20.1982

■ 81.7800, -23.0625,
23.8719

■ 90.1580, -16.3469,
16.5244

■ 78.1780, -26.7098,
27.0309

■ 93.7600, -12.6997,
13.3655

■ 73.9890, -30.0676,
30.7046

■ 97.9490, -9.3419,
9.6917

■ 69.8000, -33.4254,
34.3784

■ 102.1380, -5.9840,
6.0180

■ 68.9850, -34.0096,
35.0932

■ 105.7400, -2.3368,
2.8590

■ 109.8150, 0.5842,
-0.7148

■ 114.0040, 3.9420,
-4.3885

■ 117.6060, 7.5892,
-7.5475

■ 121.7950, 10.9471,
-11.2212

Harmonies

Analogous

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



87.4140, -14.5011, 31.2089



85.9690, -19.7047, 20.1982



83.9840, -19.2191, 4.3990

Triad

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



85.9690, -19.7047, 20.1982



68.5840, 14.0091, -60.1482



89.2200, 13.2025, 12.0851

Complementary

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



85.9690, -19.7047, 20.1982



69.0310, 19.7047, -20.1982

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.



86.2000, 20.1144, -11.5764



85.9690, -19.7047, 20.1982



69.5760, 22.8870, -61.0182

Square

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



85.9690, -19.7047, 20.1982



76.6660, -0.3283, -34.7871



78.0500, 24.1324, -40.3858



89.0280, 4.4232, 28.0394

Rectangle

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



85.9690, -19.7047, 20.1982



82.6450, -15.1080, -7.5817



78.0500, 24.1324, -40.3858



88.8600, 15.8450, 4.5078

Sweetspot

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



85.9690, -19.7047, 20.1982



133.8070, -7.2999, 8.0623



67.9150, 2.5069, 36.0315



65.8820, -4.3788, 4.4885



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.



85.9690, -19.7047, 20.1982



107.0600, -31.0886, 31.5194



100.6220, -26.9286, 3.8395



51.5550, -1.7526, 2.1443



74.3120, -36.6358, 37.4374



155.4350, -76.6295, 78.5485

Inverse Universe

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



69.0310, 19.7047, -20.1982



79.9400, 31.0886, -31.5194



54.3780, 26.9286, -3.8395



49.8580, 2.0420, -1.6295



42.6880, 36.6358, -37.4374



89.5650, 76.6295, -78.5485

Previews

White Background



This preview shows how the YUV color 85.9690, -19.7047, 20.1982 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 ✓ Pass

Black Background



This preview shows how the YUV color 85.9690, -19.7047, 20.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

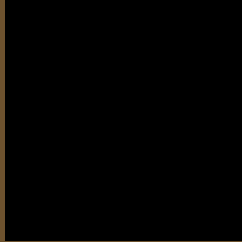
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9690, -19.7047, 20.1982

Background



This preview shows how black text looks on a background with the YUV color 85.9690, -19.7047, 20.1982.



This preview shows how white text looks on a background with the YUV color 85.9690, -19.7047,

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

85.9690, -19.7047, 20.1982

Protanopia

85.2450, -18.3618, 9.4321

Deuteranopia

85.9580, -19.6993, 18.4538



Tritanopia

88.8500, -2.3910, 20.3026

Trichromacy



Original Color

85.9690, -19.7047, 20.1982

Protanomaly

85.4520, -18.9568, 13.6356

Deuteranomaly

86.2570, -19.8467, 19.0686

Tritanomaly

87.5420, -8.6482, 20.5727

Monochromacy



Original Color

85.9690, -19.7047, 20.1982

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9690, -19.7047, 20.1982 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(109, 82, 46)` looks like.

```
.text, #text, p{  
    color:rgb(109, 82, 46)  
}
```

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(109, 82, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 82, 46) }
```

Border

The CSS property to change the border of an element to YUV 85.9690, -19.7047, 20.1982 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(109, 82, 46) }
```


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

```
.border{ border-color:rgb(109, 82, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 82, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 82, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 82, 46);  
box-shadow:4px 4px 4px 4px rgb(109, 82,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 85.9690, -19.7047, 20.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 82, 46) }
```

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

```
.background{ background-color: rgb(109, 82,  
46) }
```

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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