

Converting Colors

YUV(89.9790, -8.3706, -21.9066)

Have a look what the booklet for
YUV(89.9790, -8.3706, -21.9066)
contains.

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Color

**YUV(89.9790, -8.3706,
-21.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	416A49
RGB	65, 106, 73
RGB Percent	25%, 42%, 29%
CMY	0.7451, 0.5843, 0.7137
CMYK	0.39, 0.00, 0.31, 0.58
HSL	132°, 24%, 34%
HSV	132°, 39%, 42%
XYZ	8.5366, 11.9129, 8.1528
YIQ	89.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

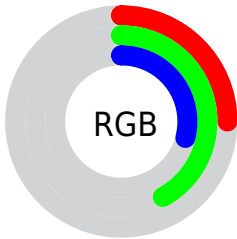
Format	Color
RYB	65, 99, 106
Decimal	4287049
CIELab	41.08, -22.11, 14.11
CIELCh	41, 26.227, 147.448
Yxy	11.9129, 0.2985, 0.4165
Android (android.graphics.Color)	4282477129 (0xFF416A49)
YUV	89.9790, -8.3706, -21.9066
Hunter-Lab	34.5151, -16.2531, 10.1557

Details

The YUV color **89.9790, -8.3706, -21.9066** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **81.0210, 8.3706, 21.9066**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0390, -9.3862, -22.8362**, and **42.4350, -6.6235, -22.3065** is the 20% darker color. If you saturate the color by 10%, you get **85.6640, -10.6804, -27.7693**, and if you desaturate by 10%, it is **94.2940, -6.0609, -16.0438**.

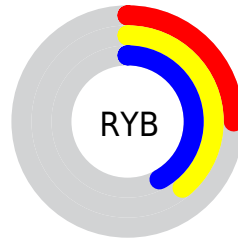
Distribution



Red (25%)

Green (42%)

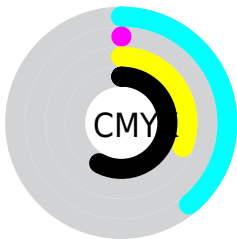
Blue (29%)



Red (25%)

Yellow (39%)

Blue (42%)

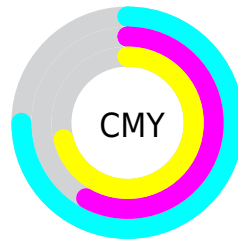


Cyan (39%)

Magenta (0%)

Yellow (31%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9790, -8.3706, -21.9066 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 89.9790, -8.3706, -21.9066 by changing the saturation by 10% instead.

89.9790, -8.3706,
-21.9066

89.9790, -8.3706,
-21.9066

255.0000, 0.0000,
0.0000

66.0930, -7.9338,
-22.0066

141.0390, -9.3862,
-22.8362

42.4350, -6.6235,
-22.3065

167.6260, -9.6756,
-23.3510

21.7020, -8.2341,
-19.0327

194.2130, -9.9650,
-23.8658

4.1090, -2.0257,
-3.6036

222.8000,
-10.2544, -24.3806

0.0000, 0.0000,
0.0000

242.5820, -6.2029,
-17.1734

254.1030, 0.4422,

-1.8443

■ 89.9790, -8.3706,
-21.9066

■ 89.9790, -8.3706,
-21.9066

■ 85.6640, -10.6804,
-27.7693

■ 94.2940, -6.0609,
-16.0438

■ 81.7620, -12.7007,
-33.1173

■ 98.1960, -4.0406,
-10.6959

■ 77.4470, -15.0104,
-38.9800

■ 102.5110, -1.7309,
-4.8331

■ 73.5450, -17.0307,
-44.3280

■ 106.4130, 0.2894,
0.5148

■ 69.2300, -19.3404,
-50.1907

■ 110.7280, 2.5991,
6.3775

■ 65.0290, -21.2133,
-56.1534

■ 114.9290, 4.4720,
12.3403

■ 64.6160, -21.5027,
-56.6682

■ 118.9450, 6.9291,
17.5882

■ 123.1460, 8.8020,
23.5510

■ 127.1620, 11.2591,
28.7989

Harmonies

Analogous

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



93.6950, -17.5976, -2.3635



89.9790, -8.3706, -21.9066



84.2780, 4.7929, -44.0938

Triad

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



89.9790, -8.3706, -21.9066



92.8990, 23.2208, -27.9754



97.7010, -9.7126, 35.3422

Complementary

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



89.9790, -8.3706, -21.9066



81.0210, 8.3706, 21.9066

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.



99.0240, 0.4812, 32.4280



89.9790, -8.3706, -21.9066



98.3970, 18.0453, -1.2252

Square

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



89.9790, -8.3706, -21.9066



81.8800, 25.2022, -56.8998



99.4660, 10.1233, 19.7623



96.5940, -17.5478, 28.4201

Rectangle

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



89.9790, -8.3706, -21.9066



77.3170, 15.6197, -63.4220



99.4660, 10.1233, 19.7623



98.2110, -6.5130, 35.7720

Sweetspot

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



89.9790, -8.3706, -21.9066



131.3210, -3.6093, -9.0515



98.9340, -16.7295, -0.8191



65.0980, -2.0203, -5.3479



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



89.9790, -8.3706, -21.9066



113.0500, -12.8427, -34.2469



92.2590, 0.3653, -23.9061



51.6360, -1.2995, -3.1888



71.3010, -23.8124, -62.5310



149.2870, -49.9345, -130.9247

Inverse Universe

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



81.0210, 8.3706, 21.9066



98.9500, 12.8427, 34.2469



78.7410, -0.3653, 23.9061



50.3640, 1.2995, 3.1888



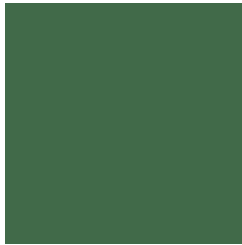
45.6990, 23.8124, 62.5310



95.7130, 49.9345, 130.9247

Previews

White Background



This preview shows how the YUV color 89.9790, -8.3706, -21.9066 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 89.9790, -8.3706, -21.9066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

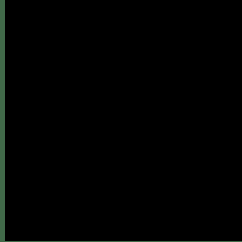
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9790, -8.3706, -21.9066

Background



This preview shows how black text looks on a background with the YUV color 89.9790, -8.3706, -21.9066.



This preview shows how white text looks on a background with the YUV color 89.9790, -8.3706, -21.9066.

-21.9066.

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

89.9790, -8.3706, -21.9066

Protanopia

95.3140, -12.9728, 7.6176

Deuteranopia

97.0420, -10.3737, 13.9952



Tritanopia

93.6540, 8.0586, -18.1136

Trichromacy



Original Color

89.9790, -8.3706, -21.9066

Protanomaly

93.5900, -11.6299, -3.1484

Deuteranomaly

94.7800, -9.7515, 1.0699

Tritanomaly

92.4490, 2.2436, -19.6878

Monochromacy



Original Color

89.9790, -8.3706, -21.9066

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1470, -3.0305, -8.0219

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9790, -8.3706, -21.9066 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(65, 106, 73)` looks like.

```
.text, #text, p{  
    color:rgb(65, 106, 73)  
}
```

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(65, 106, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 106, 73) }
```

Border

The CSS property to change the border of an element to YUV 89.9790, -8.3706, -21.9066 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(65, 106, 73) }
```


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

```
.border{ border-color:rgb(65, 106, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 106, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 106, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 106, 73);  
box-shadow:4px 4px 4px 4px rgb(65, 106,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 89.9790, -8.3706, -21.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 106, 73) }
```

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

```
.background{ background-color: rgb(65, 106,  
73) }
```

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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