

Converting Colors

YUV(116.0720, -19.2625,
18.3539)

Have a look what the booklet for
YUV(116.0720, -19.2625, 18.3539)
contains.

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Color

**YUV(116.0720, -19.2625,
18.3539)**

Conversions

Conversions Part 1

Format	Color
Hex	89714D
RGB	137, 113, 77
RGB Percent	54%, 44%, 30%
CMY	0.4627, 0.5569, 0.6980
CMYK	0.00, 0.18, 0.44, 0.46
HSL	36°, 28%, 42%
HSV	36°, 44%, 54%
XYZ	17.5612, 17.6644, 9.5052
YIQ	116.0720, 25.8600, -6.1080

Conversions

Conversions Part 2

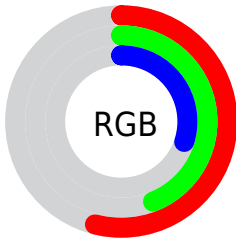
Format	Color
R_{YB}	117, 137, 77
Decimal	9007437
CIE Lab	49.09, 4.23, 23.50
CIE LCh	49, 23.875, 79.785
Yxy	17.6644, 0.3926, 0.3949
Android (android.graphics.Color)	4287197517 (0xFF89714D)
YUV	116.0720, -19.2625, 18.3539
Hunter-Lab	42.0291, 1.0326, 16.0115

Details

The YUV color **116.0720, -19.2625, 18.3539** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **97.9280, 19.2625, -18.3539**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6270, -21.0151, 20.4981**, and **67.2180, -17.3625, 15.5948** is the 20% darker color. If you saturate the color by 10%, you get **111.5410, -23.9307, 22.3275**, and if you desaturate by 10%, it is **120.6030, -14.5943, 14.3802**.

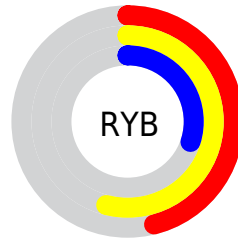
Distribution



Red (54%)

Green (44%)

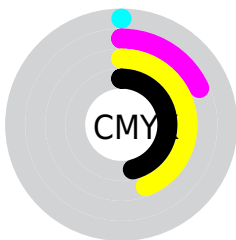
Blue (30%)



Red (46%)

Yellow (54%)

Blue (30%)

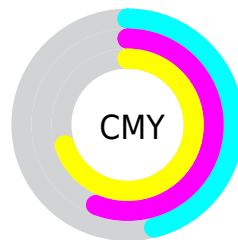


Cyan (0%)

Magenta (18%)

Yellow (44%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0720, -19.2625, 18.3539 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 116.0720, -19.2625, 18.3539 by changing the saturation by 10% instead.

■ 116.0720,
-19.2625, 18.3539

■ 116.0720,
-19.2625, 18.3539

■ 255.0000, 0.0000,
0.0000

■ 91.5880, -18.5309,
17.0243

■ 168.6270,
-21.0151, 20.4981

■ 67.2180, -17.3625,
15.5948

■ 195.8120,
-21.5993, 21.2129

■ 44.6200, -17.0677,
14.3653

■ 223.9970,
-22.1835, 21.9276

■ 24.8630, -12.2575,
11.5211

■ 245.4190,
-18.9406, 8.4025

■ 0.2990, -0.1474,
0.6148

■ 252.7200, -8.7360,
1.9996

■ 0.0000, 0.0000,
0.0000

■ 116.0720,
-19.2625, 18.3539

■ 116.0720,
-19.2625, 18.3539

■ 111.5410,
-23.9307, 22.3275

■ 120.6030,
-14.5943, 14.3802

■ 106.5370,
-27.8727, 26.7161

■ 125.6070,
-10.6523, 9.9917

■ 102.0060,
-32.5410, 30.6897

■ 130.1380, -5.9840,
6.0180

■ 96.8880, -36.9198,
35.1782

■ 135.2560, -1.6052,
1.5295

■ 92.3570, -41.5880,
39.1519

■ 139.6730, 2.6262,
-2.3442

■ 89.0970, -43.9248,
42.0109

■ 144.7910, 7.0050,
-6.8327

■ 149.3220, 11.6733,
-10.8064

■ 154.4400, 16.0521,

-15.2949

■ 158.8570, 20.2835,
-19.1686

Harmonies

Analogous

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



117.2890, -14.9325, 29.5645



116.0720, -19.2625, 18.3539



114.3150, -17.9033, 2.3547

Triad

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



116.0720, -19.2625, 18.3539



105.5040, 12.0765, -46.9230



119.7750, 11.4499, 14.2293

Complementary

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



116.0720, -19.2625, 18.3539



97.9280, 19.2625, -18.3539

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.



117.4780, 18.4983, -6.5582



116.0720, -19.2625, 18.3539



106.2790, 20.0755, -45.8487

Square

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



116.0720, -19.2625, 18.3539



107.9050, 0.5398, -33.2427



112.4320, 21.4790, -29.3199



119.4580, 2.2392, 28.5393

Rectangle

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



116.0720, -19.2625, 18.3539



112.3890, -13.5028, -9.1112



112.4320, 21.4790, -29.3199



119.1270, 14.2344, 7.7816

Sweetspot

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



116.0720, -19.2625, 18.3539



170.3940, -7.5892, 7.5475



97.6760, 1.6387, 34.4871



84.4690, -4.6682, 3.9737



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.0720, -19.2625, 18.3539



145.8640, -30.4990, 29.0603



128.3660, -25.3234, 2.3100



66.4410, -2.1894, 2.2442



86.7270, -42.7564, 40.5814



3.2560, -1.6052, 1.5295

Inverse Universe

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



97.9280, 19.2625, -18.3539



117.1360, 30.4990, -29.0603



85.6340, 25.3234, -2.3100



64.5590, 2.1894, -2.2442



46.2730, 42.7564, -40.5814



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 116.0720, -19.2625, 18.3539 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 116.0720, -19.2625, 18.3539 looks on a black 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

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

YUV 116.0720, -19.2625, 18.3539

Background



This preview shows how black text looks on a background with the YUV color 116.0720, -19.2625, 18.3539.



This preview shows how white text looks on a background with the YUV color 116.0720, -19.2625, 18.3539.

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

116.0720, -19.2625, 18.3539

Protanopia

115.6580, -18.0724, 9.9469

Deuteranopia

116.3820, -19.4153, 20.7130



Tritanopia

118.7790, -1.3700, 19.4878

Trichromacy



Original Color

116.0720, -19.2625, 18.3539

Protanomaly

116.1530, -18.8094, 13.0208

Deuteranomaly

116.0830, -19.2679, 20.0982

Tritanomaly

118.0580, -7.9166, 19.2431

Monochromacy



Original Color

116.0720, -19.2625, 18.3539

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.2090, -7.0050, 6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0720, -19.2625, 18.3539 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(137, 113, 77)` looks like.

```
.text, #text, p{  
    color:rgb(137, 113, 77)  
}
```

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(137, 113, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 113, 77) }
```

Border

The CSS property to change the border of an element to YUV 116.0720, -19.2625, 18.3539 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(137, 113, 77) }
```


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

```
.border{ border-color:rgb(137, 113, 77) }
```

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

Here you see how a box with a 4 pixel rgb(137, 113, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 113, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 113, 77);  
box-shadow:4px 4px 4px 4px rgb(137, 113,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 116.0720, -19.2625, 18.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 113, 77) }
```

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

```
.background{ background-color: rgb(137,  
113, 77) }
```

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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