

Converting Colors

YUV(116.1410, -20.7755,
-9.7707)

Have a look what the booklet for
YUV(116.1410, -20.7755, -9.7707)
contains.

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Color

**YUV(116.1410, -20.7755,
-9.7707)**

Conversions

Conversions Part 1

Format	Color
Hex	69824A
RGB	105, 130, 74
RGB Percent	41%, 51%, 29%
CMY	0.5882, 0.4902, 0.7098
CMYK	0.19, 0.00, 0.43, 0.49
HSL	87°, 27%, 40%
HSV	87°, 43%, 51%
XYZ	15.0444, 19.4629, 9.4424
YIQ	116.1410, 3.0760, -22.7160

Conversions

Conversions Part 2

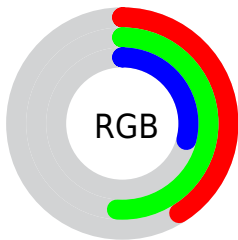
Format	Color
R_{YB}	74, 130, 99
Decimal	6914634
CIE _{Lab}	51.22, -19.29, 27.38
CIE _{LCh}	51, 33.493, 125.172
Yxy	19.4629, 0.3423, 0.4428
Android (android.graphics.Color)	4285104714 (0xFF69824A)
YUV	116.1410, -20.7755, -9.7707
Hunter-Lab	44.1168, -16.3338, 18.1919

Details

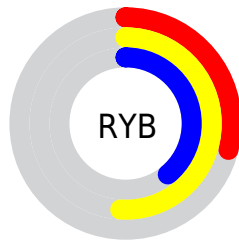
The YUV color **116.1410, -20.7755, -9.7707** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **87.8590, 20.7755, 9.7707**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5000, -21.9385, -10.0855**, and **67.4830, -19.4651, -10.0706** is the 20% darker color. If you saturate the color by 10%, you get **112.8650, -25.5694, -12.1596**, and if you desaturate by 10%, it is **119.4170, -15.9816, -7.3817**.

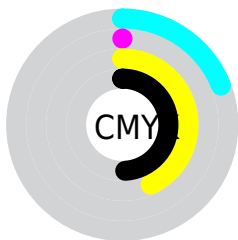
Distribution



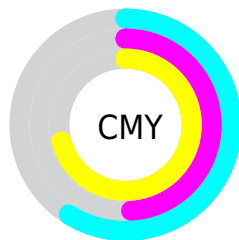
- Red (41%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (39%)



- Cyan (19%)
- Magenta (0%)
- Yellow (43%)
- Black (49%)



- Cyan (59%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1410, -20.7755, -9.7707 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 116.1410, -20.7755, -9.7707 by changing the saturation by 10% instead.

■ 116.1410,
-20.7755, -9.7707

■ 116.1410,
-20.7755, -9.7707

■ 255.0000, 0.0000,
0.0000

■ 91.3690, -19.9019,
-9.9706

■ 168.5000,
-21.9385, -10.0855

■ 67.4830, -19.4651,
-10.0706

■ 195.9730,
-22.6647, -10.5003

■ 43.7820, -19.6125,
-9.4558

■ 223.8590,
-23.1015, -10.4003

■ 24.1220, -11.8921,
-12.3850

■ 245.0000,
-20.2130, -3.5080

■ 4.6960, -2.3151,
-4.1184

■ 252.4920, -9.6096,
2.1995

■ 0.0000, 0.0000,
0.0000

■ 116.1410,
-20.7755, -9.7707

■ 116.1410,
-20.7755, -9.7707

■ 112.8650,
-25.5694, -12.1596

■ 119.4170,
-15.9816, -7.3817

■ 109.5890,
-30.3634, -14.5486

■ 122.6930,
-11.1876, -4.9928

■ 106.6120,
-35.3047, -16.3227

■ 125.6700, -6.2463,
-3.2186

■ 103.3360,
-40.0986, -18.7117

■ 128.9460, -1.4524,
-0.8296

■ 100.0600,
-44.8926, -21.1006

■ 132.2220, 3.3416,
1.5593

■ 97.8380, -48.2341,
-22.6599

■ 135.4980, 8.1355,
3.9483

■ 138.7740, 12.9294,
6.3372

■ 141.7510, 17.8708,

8.1114

■ 145.0270, 22.6647,
10.5003

Harmonies

Analogous

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



119.2750, -27.2506, 13.7908



116.1410, -20.7755, -9.7707



110.9340, -6.8695, -36.7761

Triad

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



116.1410, -20.7755, -9.7707



101.1040, 35.4447, -75.5132



124.1890, -3.0512, 45.4382

Complementary

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



116.1410, -20.7755, -9.7707



87.8590, 20.7755, 9.7707

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.



125.6570, 10.5221, 31.8728



116.1410, -20.7755, -9.7707



118.3210, 29.9147, -28.3455

Square

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



116.1410, -20.7755, -9.7707



97.3880, 27.9097, -85.4093



124.7660, 21.8074, 5.4672



122.8610, -15.7075, 44.8489

Rectangle

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



116.1410, -20.7755, -9.7707



104.4070, 5.7153, -59.9929



124.7660, 21.8074, 5.4672



124.4320, 1.7590, 42.5941

Sweetspot

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



116.1410, -20.7755, -9.7707



162.8010, -8.2829, -3.3335



104.8320, -15.2002, 22.0723



80.7240, -4.7939, -2.3889



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



116.1410, -20.7755, -9.7707



146.4210, -32.2526, -15.2782



108.0680, -16.7955, -26.3696



62.3050, -2.6154, -1.1445



96.3650, -47.5079, -22.2451



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.8590, 20.7755, 9.7707



102.5790, 32.2526, 15.2782



95.9320, 16.7955, 26.3696



58.6950, 2.6154, 1.1445



31.6350, 47.5079, 22.2451



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.1410, -20.7755, -9.7707 looks on a white 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

Black Background



This preview shows how the YUV color 116.1410, -20.7755, -9.7707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

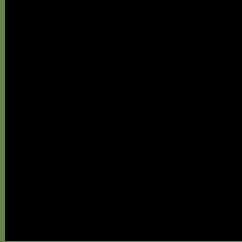
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.1410, -20.7755, -9.7707

Background



This preview shows how black text looks on a background with the YUV color 116.1410, -20.7755, -9.7707.



This preview shows how white text looks on a background with the YUV color 116.1410, -20.7755, -9.7707.

-9.7707.

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

116.1410, -20.7755, -9.7707

Protanopia

119.4750, -23.8982, 11.8614

Deuteranopia

120.8230, -21.6047, 22.9572



Tritanopia

121.1500, 5.8420, -7.1476

Trichromacy



Original Color

116.1410, -20.7755, -9.7707

Protanomaly

118.3600, -22.8555, 4.0693

Deuteranomaly

119.1590, -21.2774, 11.2616

Tritanomaly

119.6200, -3.7567, -8.4367

Monochromacy



Original Color

116.1410, -20.7755, -9.7707

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0290, -7.4093, -3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1410, -20.7755, -9.7707 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(105, 130, 74)` looks like.

```
.text, #text, p{  
    color:rgb(105, 130, 74)  
}
```

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(105, 130, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 130, 74) }
```

Border

The CSS property to change the border of an element to YUV 116.1410, -20.7755, -9.7707 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(105, 130, 74) }
```


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

```
.border{ border-color:rgb(105, 130, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 130, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 130, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 130, 74);  
box-shadow:4px 4px 4px 4px rgb(105, 130,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 116.1410, -20.7755, -9.7707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 130, 74) }
```

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

```
.background{ background-color: rgb(105,  
130, 74) }
```

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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