

Converting Colors

YUV(104.8450, -15.2066,
-22.6661)

Have a look what the booklet for
YUV(104.8450, -15.2066, -22.6661)
contains.

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Color

**YUV(104.8450, -15.2066,
-22.6661)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7C4A
RGB	79, 124, 74
RGB Percent	31%, 49%, 29%
CMY	0.6902, 0.5137, 0.7098
CMYK	0.36, 0.00, 0.40, 0.51
HSL	114°, 25%, 39%
HSV	114°, 40%, 49%
XYZ	11.6681, 16.5720, 9.0623
YIQ	104.8450, -10.7700, -25.0900

Conversions

Conversions Part 2

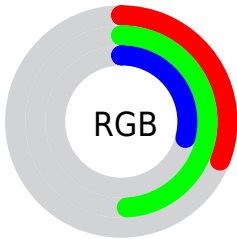
Format	Color
R_{YB}	74, 124, 119
Decimal	5209162
CIE _{Lab}	47.72, -26.14, 22.53
CIE _{LCh}	48, 34.512, 139.237
Yxy	16.5720, 0.3128, 0.4443
Android (android.graphics.Color)	4283399242 (0xFF4F7C4A)
YUV	104.8450, -15.2066, -22.6661
Hunter-Lab	40.7087, -20.0777, 15.2973

Details

The YUV color **104.8450, -15.2066, -22.6661** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **93.1550, 15.2066, 22.6661**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.7910, -16.6590, -23.4957**, and **56.3010, -13.4594, -23.0660** is the 20% darker color. If you saturate the color by 10%, you get **100.1880, -18.8267, -28.2289**, and if you desaturate by 10%, it is **109.5020, -11.5865, -17.1033**.

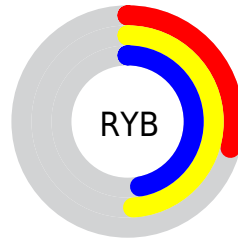
Distribution



Red (31%)

Green (49%)

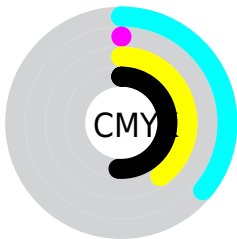
Blue (29%)



Red (29%)

Yellow (49%)

Blue (47%)

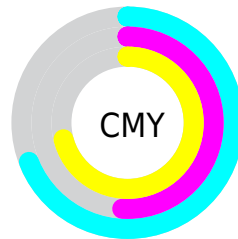


Cyan (36%)

Magenta (0%)

Yellow (40%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8450, -15.2066, -22.6661 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 104.8450, -15.2066, -22.6661 by changing the saturation by 10% instead.

■ 104.8450,
-15.2066, -22.6661

■ 104.8450,
-15.2066, -22.6661

■ 255.0000, 0.0000,
0.0000

■ 80.0730, -14.3330,
-22.8660

■ 156.7910,
-16.6590, -23.4957

■ 56.3010, -13.4594,
-23.0660

■ 183.6770,
-17.0958, -23.3957

■ 32.2900, -13.4540,
-24.8103

■ 211.8510,
-17.6745, -24.4253

■ 18.7840, -9.2605,
-16.4736

■ 236.3290,
-15.9382, -21.3365

■ 0.0000, 0.0000,
0.0000

■ 248.1920, -7.9827,
-6.3074

■ 104.8450,
-15.2066, -22.6661

■ 104.8450,
-15.2066, -22.6661

■ 100.1880,
-18.8267, -28.2289

■ 109.5020,
-11.5865, -17.1033

■ 95.4170, -22.8836,
-33.6917

■ 114.2730, -7.5296,
-11.6404

■ 90.7600, -26.5037,
-39.2545

■ 118.9300, -3.9095,
-6.0776

■ 85.6900, -30.4132,
-45.3321

■ 124.0000, 0.0000,
0.0000

■ 81.0330, -34.0333,
-50.8949

■ 128.6570, 3.6201,
5.5628

■ 76.3760, -37.6534,
-56.4578

■ 133.3140, 7.2402,
11.1256

■ 138.0850, 11.2971,
16.5885

■ 142.7420, 14.9172,

22.1513

■ 147.5130, 18.9741,
27.6141

Harmonies

Analogous

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



108.6650, -25.4708, 2.9248



104.8450, -15.2066, -22.6661



95.9190, 2.5049, -56.9340

Triad

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



104.8450, -15.2066, -22.6661



100.5950, 34.2167, -54.8958



114.3050, -9.0244, 47.9675

Complementary

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



104.8450, -15.2066, -22.6661



93.1550, 15.2066, 22.6661

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.



115.5180, 4.6746, 40.7647



104.8450, -15.2066, -22.6661



113.3230, 26.9558, -12.5613

Square

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



104.8450, -15.2066, -22.6661



91.8600, 32.1140, -80.5612



116.8880, 16.8172, 19.3922



112.7590, -21.0802, 41.4304

Rectangle

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



104.8450, -15.2066, -22.6661



89.0440, 16.2473, -78.0916



116.8880, 16.8172, 19.3922



114.4450, -4.6564, 46.9677

Sweetspot

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



104.8450, -15.2066, -22.6661



153.3380, -6.0826, -9.0664



115.3650, -20.3929, 7.5729



77.3430, -3.6201, -5.5628



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



104.8450, -15.2066, -22.6661



131.2920, -23.3150, -35.3361



105.6300, -5.7336, -27.7395



58.8210, -1.8838, -2.4740



76.9630, -37.9428, -56.9726



155.3990, -76.6117, -114.3599

Inverse Universe

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



93.1550, 15.2066, 22.6661



113.4090, 23.4624, 34.7213



92.3700, 5.7336, 27.7395



57.4780, 1.7363, 3.0888



47.7380, 38.0902, 56.3578



96.6010, 76.6117, 114.3599

Previews

White Background



This preview shows how the YUV color 104.8450, -15.2066, -22.6661 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 104.8450, -15.2066, -22.6661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

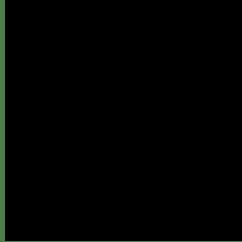
Any Text WCAG AA × Fail

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 104.8450, -15.2066, -22.6661 Background



This preview shows how black text looks on a background with the YUV color 104.8450, -15.2066, -22.6661.



This preview shows how white text looks on a background with the YUV color 104.8450, -15.2066, -22.6661.

-22.6661.

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

104.8450, -15.2066, -22.6661

Protanopia

111.0880, -20.2564, 10.4468

Deuteranopia

112.6530, -17.0839, 19.5983



Tritanopia

110.3550, 8.2060, -18.7283

Trichromacy



Original Color

104.8450, -15.2066, -22.6661

Protanomaly

108.7660, -18.6186, -1.5488

Deuteranomaly

110.0810, -16.3089, 4.3140

Tritanomaly

108.1670, -0.0823, -20.3175

Monochromacy



Original Color

104.8450, -15.2066, -22.6661

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1640, -5.5039, -8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8450, -15.2066, -22.6661 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(79, 124, 74)` looks like.

```
.text, #text, p{  
    color:rgb(79, 124, 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(79, 124, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 124, 74) }
```

Border

The CSS property to change the border of an element to YUV 104.8450, -15.2066, -22.6661 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(79, 124, 74) }
```


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

```
.border{ border-color:rgb(79, 124, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 124, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 124, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 124, 74);  
box-shadow:4px 4px 4px 4px rgb(79, 124,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 104.8450, -15.2066, -22.6661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 124, 74) }
```

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

```
.background{ background-color: rgb(79, 124,  
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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