

Converting Colors

YUV(102.4460, -6.6289,
-20.5621)

Have a look what the booklet for
YUV(102.4460, -6.6289, -20.5621)
contains.

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Color

**YUV(102.4460, -6.6289,
-20.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7559
RGB	79, 117, 89
RGB Percent	31%, 46%, 35%
CMY	0.6902, 0.5412, 0.6510
CMYK	0.32, 0.00, 0.24, 0.54
HSL	136°, 19%, 38%
HSV	136°, 32%, 46%
XYZ	11.3889, 15.1061, 11.7667
YIQ	102.4460, -13.6600, -16.7640

Conversions

Conversions Part 2

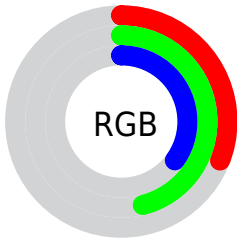
Format	Color
RYB	79, 109, 117
Decimal	5207385
CIELab	45.78, -19.79, 11.25
CIElCh	46, 22.764, 150.378
Yxy	15.1061, 0.2977, 0.3948
Android (android.graphics.Color)	4283397465 (0xFF4F7559)
YUV	102.4460, -6.6289, -20.5621
Hunter-Lab	38.8666, -15.7114, 9.2568

Details

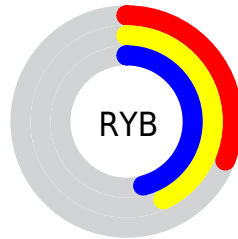
The YUV color **102.4460, -6.6289, -20.5621** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **93.5540, 6.6289, 20.5621**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6200, -7.2077, -21.5917**, and **54.3860, -5.6133, -19.6325** is the 20% darker color. If you saturate the color by 10%, you get **97.8320, -8.7912, -27.0397**, and if you desaturate by 10%, it is **107.0600, -4.4666, -14.0846**.

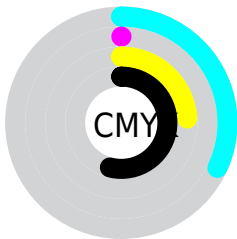
Distribution



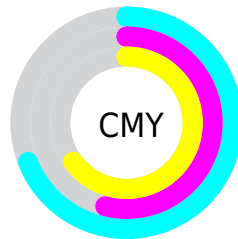
- Red (31%)
- Green (46%)
- Blue (35%)



- Red (31%)
- Yellow (43%)
- Blue (46%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (54%)



- Cyan (69%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.4460, -6.6289, -20.5621 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 102.4460, -6.6289, -20.5621 by changing the saturation by 10% instead.

■ 102.4460, -6.6289,
-20.5621

■ 102.4460, -6.6289,
-20.5621

■ 255.0000, 0.0000,
0.0000

■ 77.9730, -5.9027,
-20.1473

■ 153.6200, -7.2077,
-21.5917

■ 54.3860, -5.6133,
-19.6325

■ 181.0930, -7.9338,
-22.0066

■ 32.0160, -4.4449,
-21.0620

■ 208.7940, -7.7864,
-22.6213

■ 15.8490, -7.8136,
-13.8996

■ 236.6800, -8.2232,
-22.5214

■ 0.0000, 0.0000,
0.0000

■ 249.5320, -0.2623,
-9.2366

■ 102.4460, -6.6289,
-20.5621

■ 102.4460, -6.6289,
-20.5621

■ 97.8320, -8.7912,
-27.0397

■ 107.0600, -4.4666,
-14.0846

■ 93.6310, -10.6641,
-33.0024

■ 111.2610, -2.5937,
-8.1219

■ 89.0170, -12.8264,
-39.4799

■ 115.8750, -0.4314,
-1.6444

■ 84.5170, -14.5519,
-46.0574

■ 120.3750, 1.2941,
4.9331

■ 80.2020, -16.8616,
-51.9202

■ 124.9890, 3.4564,
11.4106

■ 75.5880, -19.0239,
-58.3977

■ 129.3040, 5.7661,
17.2734

■ 72.2130, -20.3180,
-63.3308

■ 133.8040, 7.4916,
23.8509

■ 138.4180, 9.6539,

30.3284

■ 142.7330, 11.9636,
36.1912

Harmonies

Analogous

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



105.0800, -14.8294, -3.5782



102.4460, -6.6289, -20.5621



99.2080, 4.3345, -37.0164

Triad

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



102.4460, -6.6289, -20.5621



106.0310, 19.7047, -20.1982



110.2660, -9.9911, 31.3387

Complementary

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



102.4460, -6.6289, -20.5621



93.5540, 6.6289, 20.5621

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.



110.9590, -0.9658, 29.8540



102.4460, -6.6289, -20.5621



109.7240, 15.4191, 1.1191

Square

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



102.4460, -6.6289, -20.5621



100.3230, 20.0538, -38.8713



111.2980, 8.2341, 19.0327



108.9140, -16.2266, 24.6314

Rectangle

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



102.4460, -6.6289, -20.5621



97.7000, 11.4869, -44.4639



111.2980, 8.2341, 19.0327



110.3630, -7.0810, 31.2536

Sweetspot

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



102.4460, -6.6289, -20.5621



147.2610, -2.5937, -8.1219



109.9770, -15.2717, -1.7338



73.2120, -1.5835, -5.4479



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



102.4460, -6.6289, -20.5621



130.0440, -10.3747, -32.4876



104.6120, 1.6703, -22.4617



56.6360, -1.2995, -3.1888



75.2620, -21.3282, -66.0048



154.2740, -43.5191, -135.2983

Inverse Universe

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



93.5540, 6.6289, 20.5621



115.9560, 10.3747, 32.4876



91.5020, -1.2335, 22.3617



55.2500, 0.8628, 3.2888



46.7380, 21.3282, 66.0048



95.7260, 43.5191, 135.2983

Previews

White Background



This preview shows how the YUV color 102.4460, -6.6289, -20.5621 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 102.4460, -6.6289, -20.5621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

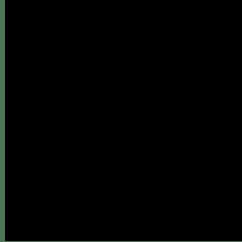
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.4460, -6.6289, -20.5621

Background



This preview shows how black text looks on a background with the YUV color 102.4460, -6.6289, -20.5621.



This preview shows how white text looks on a background with the YUV color 102.4460, -6.6289, -20.5621.

-20.5621.

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

102.4460, -6.6289, -20.5621

Protanopia

107.4710, -11.0782, 6.6029

Deuteranopia

108.6120, -8.1897, 13.4953



Tritanopia

105.9530, 7.9112, -17.4988

Trichromacy



Original Color

102.4460, -6.6289, -20.5621

Protanomaly

105.4590, -9.5933, -3.0335

Deuteranomaly

106.6490, -7.7150, 1.1848

Tritanomaly

104.2750, 2.8224, -18.6582

Monochromacy



Original Color

102.4460, -6.6289, -20.5621

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.9730, -2.4517, -6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.4460, -6.6289, -20.5621 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, 117, 89)` looks like.

```
.text, #text, p{  
    color:rgb(79, 117, 89)  
}
```

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, 117, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 117, 89) }
```

Border

The CSS property to change the border of an element to YUV 102.4460, -6.6289, -20.5621 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, 117, 89) }
```


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

```
.border{ border-color:rgb(79, 117, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 117, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 117, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 117, 89);  
box-shadow:4px 4px 4px 4px rgb(79, 117,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 102.4460, -6.6289, -20.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 117, 89) }
```

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

```
.background{ background-color: rgb(79, 117,  
89) }
```

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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