

Converting Colors

YUV(112.2540, -32.1702,
5.0392)

Have a look what the booklet for
YUV(112.2540, -32.1702, 5.0392)
contains.

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Color

**YUV(112.2540, -32.1702,
5.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	767A2F
RGB	118, 122, 47
RGB Percent	46%, 48%, 18%
CMY	0.5373, 0.5216, 0.8157
CMYK	0.03, 0.00, 0.61, 0.52
HSL	63°, 44%, 33%
HSV	63°, 61%, 48%
XYZ	14.9438, 17.9759, 5.3714
YIQ	112.2540, 21.6910, -24.1730

Conversions

Conversions Part 2

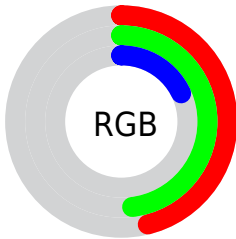
Format	Color
RYB	47, 122, 51
Decimal	7764527
CIELab	49.47, -12.32, 39.52
CIELCh	49, 41.399, 107.314
Yxy	17.9759, 0.3903, 0.4695
Android (android.graphics.Color)	4285954607 (0xFF767A2F)
YUV	112.2540, -32.1702, 5.0392
Hunter-Lab	42.3979, -11.2812, 22.1671

Details

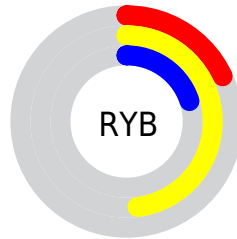
The YUV color **112.2540, -32.1702, 5.0392** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **56.7460, 32.1702, -5.0392**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5100, -33.7754, 6.5687**, and **63.4710, -31.2912, 3.0949** is the 20% darker color. If you saturate the color by 10%, you get **110.5870, -37.2644, 5.6242**, and if you desaturate by 10%, it is **113.9210, -27.0761, 4.4543**.

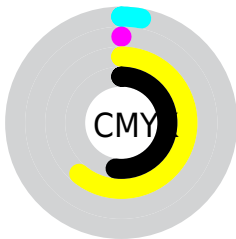
Distribution



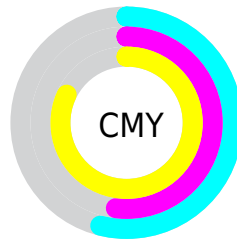
- Red (46%)
- Green (48%)
- Blue (18%)



- Red (18%)
- Yellow (48%)
- Blue (20%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (52%)



- Cyan (54%)
- Magenta (52%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2540, -32.1702, 5.0392 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 112.2540, -32.1702, 5.0392 by changing the saturation by 10% instead.

■ 112.2540,
-32.1702, 5.0392

■ 112.2540,
-32.1702, 5.0392

■ 255.0000, 0.0000,
0.0000

■ 86.9550, -32.0228,
4.4245

■ 164.5100,
-33.7754, 6.5687

■ 63.4710, -31.2912,
3.0949

■ 192.2820,
-34.6490, 6.7687

■ 42.7940, -21.0974,
0.1807

■ 220.3530,
-35.6700, 7.5834

■ 22.9920, -11.3351,
-4.3780

■ 245.9940,
-34.5070, 7.8983

■ 0.0000, 0.0000,
0.0000

■ 249.0720,
-22.7135, 5.1989

■ 252.3780,

-10.0464, 2.2995

■ 112.2540,
-32.1702, 5.0392

■ 112.2540,
-32.1702, 5.0392

■ 110.5870,
-37.2644, 5.6242

■ 113.9210,
-27.0761, 4.4543

■ 109.2190,
-42.5060, 6.8239

■ 115.2890,
-21.8345, 3.2545

■ 107.4380,
-48.0369, 7.5089

■ 117.0700,
-16.3035, 2.5696

■ 105.9990,
-52.2575, 7.8939

■ 118.7370,
-11.2093, 1.9847

■ 120.1050, -5.9678,
0.7849

■ 121.7720, -0.8736,
0.2000

■ 123.4390, 4.2206,
-0.3850

■ 124.9210, 9.8989,
-1.6847

■ 126.5880, 14.9931,
-2.2697

Harmonies

Analogous

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



114.7780, -33.4146, 30.8897



112.2540, -32.1702, 5.0392



107.3840, -19.4163, -25.7698

Triad

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



112.2540, -32.1702, 5.0392



97.2230, 34.8931, -85.2646



119.8440, 6.9789, 48.3718

Complementary

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



112.2540, -32.1702, 5.0392



56.7460, 32.1702, -5.0392

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.



121.2780, 22.0479, 21.6812



112.2540, -32.1702, 5.0392



95.1660, 44.7812, -83.4606

Square

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



112.2540, -32.1702, 5.0392



94.8630, 20.7735, -83.1949



116.1140, 33.9608, -19.3940



117.6590, -9.1989, 57.3041

Rectangle

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



112.2540, -32.1702, 5.0392



99.5790, -5.2154, -54.0048



116.1140, 33.9608, -19.3940



120.4670, 12.0948, 40.8094

Sweetspot

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



112.2540, -32.1702, 5.0392



154.5090, -12.0829, 2.1846



71.7730, -12.2131, 44.0491



76.7630, -7.2782, 1.0848



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



112.2540, -32.1702, 5.0392



142.8680, -50.2209, 8.0088



101.1910, -26.7162, -17.7075



60.3160, -2.6208, 0.5999



108.6570, -53.5679, 8.1938



219.3850, -108.1568, 17.2024

Inverse Universe

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



56.7460, 32.1702, -5.0392



56.1320, 50.2209, -8.0088



67.8090, 26.7162, 17.7075



55.6840, 2.6208, -0.5999



16.3430, 53.5679, -8.1938



32.6150, 108.1568, -17.2024

Previews

White Background



This preview shows how the YUV color 112.2540, -32.1702, 5.0392 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 112.2540, -32.1702, 5.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

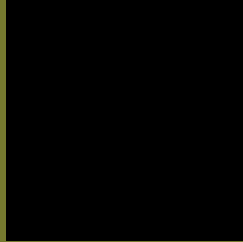
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.2540, -32.1702, 5.0392

Background



This preview shows how black text looks on a background with the YUV color 112.2540, -32.1702, 5.0392.



This preview shows how white text looks on a background with the YUV color 112.2540, -32.1702, 5.0392.

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

112.2540, -32.1702, 5.0392

Protanopia

113.6790, -33.3657, 15.1905

Deuteranopia

115.0980, -32.0933, 27.1011



Tritanopia

118.6140, 2.1623, 6.4775

Trichromacy



Original Color

112.2540, -32.1702, 5.0392

Protanomaly

112.7710, -32.9181, 11.6018

Deuteranomaly

114.3420, -32.2136, 18.9941

Tritanomaly

116.2860, -10.4940, 5.8882

Monochromacy



Original Color

112.2540, -32.1702, 5.0392

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2100, -11.9355, 1.5698

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2540, -32.1702, 5.0392 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(118, 122, 47)` looks like.

```
.text, #text, p{  
    color:rgb(118, 122, 47)  
}
```

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(118, 122, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 122, 47) }
```

Border

The CSS property to change the border of an element to YUV 112.2540, -32.1702, 5.0392 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(118, 122, 47) }
```


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

```
.border{ border-color:rgb(118, 122, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 122, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 122, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 122, 47);  
box-shadow:4px 4px 4px 4px rgb(118, 122,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 112.2540, -32.1702, 5.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 122, 47) }
```

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

```
.background{ background-color: rgb(118,  
122, 47) }
```

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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