

Converting Colors

YUV(113.5170, 32.7761,
-12.7314)

Have a look what the booklet for
YUV(113.5170, 32.7761, -12.7314)
contains.

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Color

**YUV(113.5170, 32.7761,
-12.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	636CB4
RGB	99, 108, 180
RGB Percent	39%, 42%, 71%
CMY	0.6118, 0.5765, 0.2941
CMYK	0.45, 0.40, 0.00, 0.29
HSL	233°, 35%, 55%
HSV	233°, 45%, 71%
XYZ	18.7464, 16.6731, 45.4102
YIQ	113.5170, -28.4760, 20.4840

Conversions

Conversions Part 2

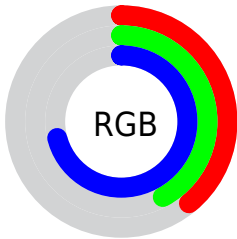
Format	Color
R _Y B	99, 107, 180
Decimal	6515892
CIE Lab	47.85, 15.85, -39.35
CIE LCh	48, 42.421, 291.942
Yxy	16.6731, 0.2319, 0.2063
Android (android.graphics.Color)	4284705972 (0xFF636CB4)
YUV	113.5170, 32.7761, -12.7314
Hunter-Lab	40.8327, 10.4926, -37.3538

Details

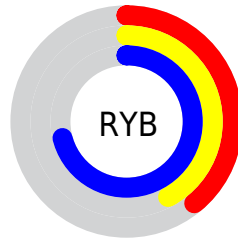
The YUV color **113.5170, 32.7761, -12.7314** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **165.4830, -32.7761, 12.7314**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9840, 34.5179, -11.3870**, and **63.7400, 31.1872, -16.4350** is the 20% darker color. If you saturate the color by 10%, you get **98.7430, 40.0597, -15.5606**, and if you desaturate by 10%, it is **128.2910, 25.4925, -9.9022**.

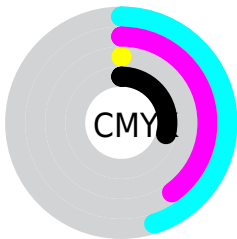
Distribution



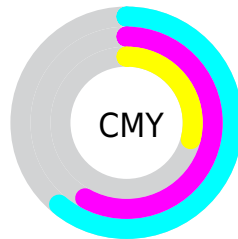
- Red (39%)
- Green (42%)
- Blue (71%)



- Red (39%)
- Yellow (42%)
- Blue (71%)



- Cyan (45%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (61%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5170, 32.7761, -12.7314 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 113.5170, 32.7761, -12.7314 by changing the saturation by 10% instead.

■ 113.5170, 32.7761,
-12.7314

■ 113.5170, 32.7761,
-12.7314

■ 255.0000, 0.0000,
0.0000

■ 88.2780, 31.9079,
-14.2758

■ 165.9840, 34.5179,
-11.3870

■ 63.7400, 31.1872,
-16.4350

■ 192.3710, 30.8761,
-9.9724

■ 37.0980, 31.5037,
-24.6419

■ 217.4780, 18.4983,
-6.5582

■ 20.5180, 27.8456,
-17.9943

■ 242.5850, 6.1206,
-3.1440

■ 6.1560, 23.5871,
-5.3988

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 113.5170, 32.7761,
-12.7314

■ 113.5170, 32.7761,
-12.7314

■ 98.7430, 40.0597,
-15.5606

■ 128.2910, 25.4925,
-9.9022

■ 83.9690, 47.3433,
-18.3898

■ 143.0650, 18.2090,
-7.0730

■ 69.1950, 54.6269,
-21.2190

■ 157.8390, 10.9254,
-4.2438

■ 54.4210, 61.9104,
-24.0482

■ 172.6130, 3.6418,
-1.4146

■ 39.6470, 69.1940,
-26.8774

■ 187.3870, -3.6418,
1.4146

■ 32.2600, 72.8358,
-28.2920

■ 202.1610,
-10.9254, 4.2438

■ 216.9350,
-18.2090, 7.0730

■ 231.7090,
-25.4925, 9.9022

■ 244.6890,
-31.8917, 9.0427

Harmonies

Analogous

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



91.4160, 45.6439, -80.1718



113.5170, 32.7761, -12.7314



116.8550, 20.2845, 27.3142

Triad

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



113.5170, 32.7761, -12.7314



112.3100, -26.7748, 47.9631



88.5250, 6.6432, -77.6364

Complementary

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



113.5170, 32.7761, -12.7314



165.4830, -32.7761, 12.7314

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.



101.4370, -16.4844, -32.8322



113.5170, 32.7761, -12.7314



110.4140, -34.7141, 27.7009

Square

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



113.5170, 32.7761, -12.7314



113.2740, -11.9671, 58.5187



107.6340, -31.8646, 0.3210



92.7430, 22.8047, -81.3356

Rectangle

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



113.5170, 32.7761, -12.7314



115.7450, 10.4787, 45.8276



107.6340, -31.8646, 0.3210



87.7660, 1.1014, -73.4628

Sweetspot

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



113.5170, 32.7761, -12.7314



207.5230, 13.5462, -4.8437



154.7550, 8.0088, -48.8971



101.0410, 7.8678, -3.5440



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



113.5170, 32.7761, -12.7314



130.6960, 51.4219, -19.9044



117.5030, 30.8110, 10.9599



81.6130, 3.6418, -1.4146



27.4210, 61.9104, -24.0482



4.7250, 10.4886, -4.1438

Inverse Universe

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



124.2450, -8.0088, 48.8971



147.5690, -12.6055, 76.6770



161.4970, -30.8110, -10.9599



82.8050, -0.8899, 5.4330



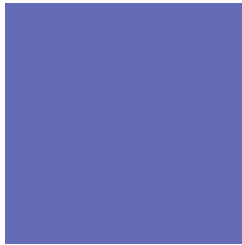
47.6850, -15.1277, 92.3613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 113.5170, 32.7761, -12.7314 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 113.5170, 32.7761, -12.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

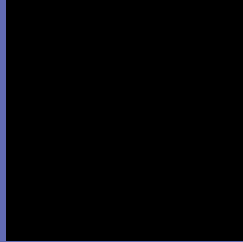
Any Text WCAG AA × Fail

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 113.5170, 32.7761, -12.7314 Background



This preview shows how black text looks on a background with the YUV color 113.5170, 32.7761, -12.7314.



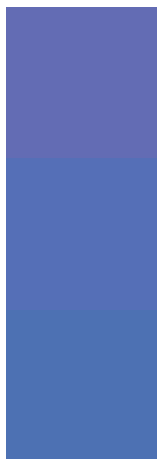
This preview shows how white text looks on a background with the YUV color 113.5170, 32.7761, -12.7314.

-12.7314.

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

113.5170, 32.7761, -12.7314

Protanopia

111.4340, 35.2820, -23.1826

Deuteranopia

109.7600, 34.1353, -28.7305



Tritanopia

109.9740, 9.3798, -21.9022

Trichromacy



Original Color

113.5170, 32.7761, -12.7314

Protanomaly

112.2280, 34.3976, -19.4940

Deuteranomaly

110.9780, 33.5348, -22.7827

Tritanomaly

111.2870, 18.0995, -18.6687

Monochromacy



Original Color

113.5170, 32.7761, -12.7314

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0670, 11.7990, -4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5170, 32.7761, -12.7314 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(99, 108, 180)` looks like.

```
.text, #text, p{  
    color:rgb(99, 108, 180)  
}
```

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(99, 108, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 108, 180) }
```

Border

The CSS property to change the border of an element to YUV 113.5170, 32.7761, -12.7314 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(99, 108, 180) }
```


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

```
.border{ border-color:rgb(99, 108, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 108, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 108, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 108, 180);  
box-shadow:4px 4px 4px 4px rgb(99, 108,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 113.5170, 32.7761, -12.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 108, 180) }
```

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

```
.background{ background-color: rgb(99, 108,  
180) }
```

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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