

Converting Colors

YUV(112.6460, 37.1495,
-15.4755)

Have a look what the booklet for
YUV(112.6460, 37.1495, -15.4755)
contains.

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Color

**YUV(112.6460, 37.1495,
-15.4755)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6BBC
RGB	95, 107, 188
RGB Percent	37%, 42%, 74%
CMY	0.6275, 0.5804, 0.2627
CMYK	0.49, 0.43, 0.00, 0.26
HSL	232°, 41%, 55%
HSV	232°, 49%, 74%
XYZ	19.0541, 16.5791, 49.7728
YIQ	112.6460, -33.1530, 22.6470

Conversions

Conversions Part 2

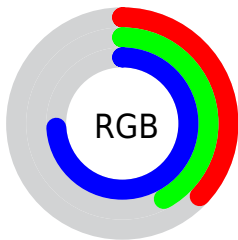
Format	Color
R _Y B	95, 106, 188
Decimal	6253500
CIE Lab	47.73, 17.95, -44.19
CIE LCh	48, 47.702, 292.108
Yxy	16.5791, 0.2231, 0.1941
Android (android.graphics.Color)	4284443580 (0xFF5F6BBC)
YUV	112.6460, 37.1495, -15.4755
Hunter-Lab	40.7175, 12.2751, -43.9735

Details

The YUV color **112.6460, 37.1495, -15.4755** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **170.3540, -37.1495, 15.4755**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5260, 39.1807, -13.6163**, and **61.5590, 35.7134, -21.5382** is the 20% darker color. If you saturate the color by 10%, you get **97.5730, 44.5805, -18.9195**, and if you desaturate by 10%, it is **127.7190, 29.7185, -12.0316**.

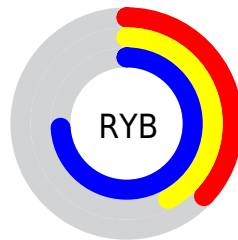
Distribution



Red (37%)

Green (42%)

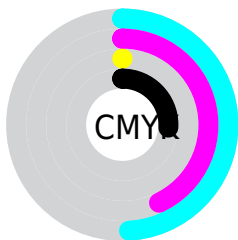
Blue (74%)



Red (37%)

Yellow (42%)

Blue (74%)

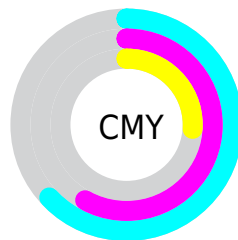


Cyan (49%)

Magenta (43%)

Yellow (0%)

Black (26%)



Cyan (63%)

Magenta (58%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6460, 37.1495, -15.4755 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 112.6460, 37.1495, -15.4755 by changing the saturation by 10% instead.

■ 112.6460, 37.1495,
-15.4755

■ 112.6460, 37.1495,
-15.4755

255.0000, 0.0000,
0.0000

■ 87.1080, 36.4288,
-17.6347

■ 165.5260, 39.1807,
-13.6163

■ 61.5590, 35.7134,
-21.5382

■ 191.1860, 31.4603,
-10.6871

■ 35.2050, 35.8879,
-30.8748

■ 215.9940, 19.2300,
-7.8877

■ 20.7290, 31.1926,
-18.1793

■ 241.4000, 6.7048,
-3.8588

■ 6.8400, 26.2079,
-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 112.6460, 37.1495,
-15.4755

■ 112.6460, 37.1495,
-15.4755

■ 97.5730, 44.5805,
-18.9195

■ 127.7190, 29.7185,
-12.0316

■ 81.9130, 52.3009,
-21.8487

■ 143.3790, 21.9982,
-9.1024

■ 67.1390, 59.5845,
-24.6779

■ 158.1530, 14.7146,
-6.2732

■ 52.0660, 67.0155,
-28.1219

■ 173.2260, 7.2836,
-2.8292

■ 36.4060, 74.7358,
-31.0511

■ 188.8860, -0.4368,
0.1000

■ 35.5200, 75.1726,
-31.1510

■ 203.9590, -7.8678,
3.5440

■ 219.6190,
-15.5882, 6.4731

■ 234.3930,
-22.8717, 9.3023

■ 246.7750,
-28.9761, 7.2133

Harmonies

Analogous

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



93.0290, 49.2857, -81.5864



112.6460, 37.1495, -15.4755



116.8600, 22.7470, 30.8178

Triad

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



112.6460, 37.1495, -15.4755



111.1320, -30.1381, 53.3812



88.9980, 5.9170, -78.0512

Complementary

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



112.6460, 37.1495, -15.4755



170.3540, -37.1495, 15.4755

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.



98.5350, -18.5048, -38.1802



112.6460, 37.1495, -15.4755



109.2310, -40.5399, 29.6154

Square

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



112.6460, 37.1495, -15.4755



111.0900, -12.8624, 65.6961



105.7820, -36.3745, 0.1912



93.6720, 23.8257, -82.1503

Rectangle

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



112.6460, 37.1495, -15.4755



114.8320, 11.9148, 51.8903



105.7820, -36.3745, 0.1912



86.8150, 0.0912, -76.1368

Sweetspot

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



112.6460, 37.1495, -15.4755



215.1530, 14.7146, -6.2732



158.8250, 8.4673, -55.9745



104.2690, 8.7414, -3.7439



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



112.6460, 37.1495, -15.4755



127.6830, 57.8373, -24.2780



115.7680, 35.6104, 11.6045



86.6130, 3.6418, -1.4146



29.7520, 63.2263, -26.0925



5.8820, 12.3832, -5.1585

Inverse Universe

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



124.1750, -8.4673, 55.9745



145.5210, -13.0749, 87.2431



167.2320, -35.6104, -11.6045



87.8050, -0.8899, 5.4330



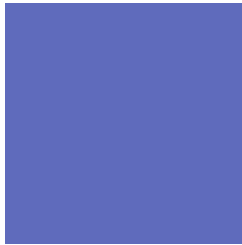
49.5220, -14.5543, 95.1352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 112.6460, 37.1495, -15.4755 looks on a white background.

Color Contrast Check

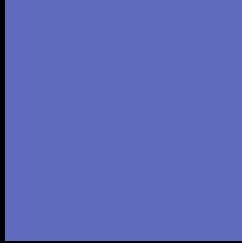
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6460, 37.1495, -15.4755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

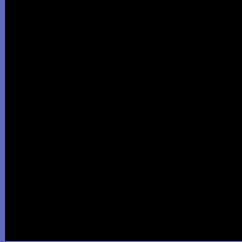
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.6460, 37.1495, -15.4755

Background



This preview shows how black text looks on a background with the YUV color 112.6460, 37.1495, -15.4755.



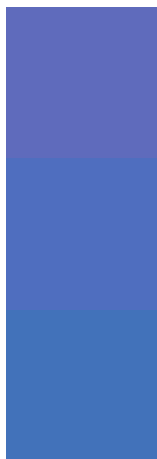
This preview shows how white text looks on a background with the YUV color 112.6460, 37.1495, -15.4755.

-15.4755.

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

112.6460, 37.1495, -15.4755

Protanopia

109.9650, 39.9503, -27.1563

Deuteranopia

107.8560, 38.5250, -36.7077



Tritanopia

108.2830, 10.7065, -27.4352

Trichromacy



Original Color

112.6460, 37.1495, -15.4755

Protanomaly

111.0580, 38.9184, -22.8529

Deuteranomaly

109.4980, 38.2085, -28.5007

Tritanomaly

109.8350, 20.2943, -22.6573

Monochromacy



Original Color

112.6460, 37.1495, -15.4755

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8110, 13.4042, -5.9732

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6460, 37.1495, -15.4755 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(95, 107, 188)` looks like.

```
.text, #text, p{  
    color:rgb(95, 107, 188)  
}
```

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(95, 107, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 107, 188) }
```

Border

The CSS property to change the border of an element to YUV 112.6460, 37.1495, -15.4755 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(95, 107, 188) }
```


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

```
.border{ border-color:rgb(95, 107, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 107, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 107, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 107, 188);  
box-shadow:4px 4px 4px 4px rgb(95, 107,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 112.6460, 37.1495, -15.4755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 107, 188) }
```

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

```
.background{ background-color: rgb(95, 107,  
188) }
```

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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