

Converting Colors

YUV(112.9570, 35.5172,
-5.2243)

Have a look what the booklet for
YUV(112.9570, 35.5172, -5.2243)
contains.

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Color

**YUV(112.9570, 35.5172,
-5.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	6B66B9
RGB	107, 102, 185
RGB Percent	42%, 40%, 73%
CMY	0.5804, 0.6000, 0.2745
CMYK	0.42, 0.45, 0.00, 0.27
HSL	244°, 37%, 56%
HSV	244°, 45%, 73%
XYZ	19.5717, 16.1313, 47.9811
YIQ	112.9570, -23.6630, 26.8730

Conversions

Conversions Part 2

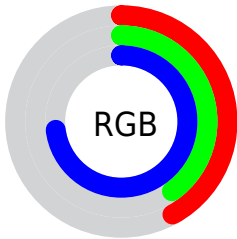
Format	Color
R _Y B	107, 102, 185
Decimal	7038649
CIE Lab	47.15, 23.07, -43.32
CIE LCh	47, 49.084, 298.041
Yxy	16.1313, 0.2339, 0.1928
Android (android.graphics.Color)	4285228729 (0xFF6B66B9)
YUV	112.9570, 35.5172, -5.2243
Hunter-Lab	40.1638, 16.6959, -42.7152

Details

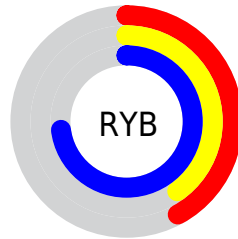
The YUV color **112.9570, 35.5172, -5.2243** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **174.0430, -35.5172, 5.2243**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8370, 37.5484, -3.3650**, and **63.0660, 33.4915, -8.8279** is the 20% darker color. If you saturate the color by 10%, you get **97.3080, 43.2322, -6.4091**, and if you desaturate by 10%, it is **129.1930, 27.5129, -4.5543**.

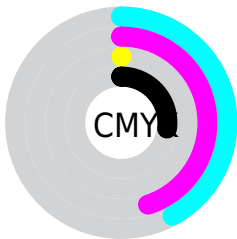
Distribution



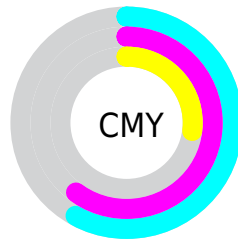
- Red (42%)
- Green (40%)
- Blue (73%)



- Red (42%)
- Yellow (40%)
- Blue (73%)



- Cyan (42%)
- Magenta (45%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9570, 35.5172, -5.2243 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 112.9570, 35.5172, -5.2243 by changing the saturation by 10% instead.

■ 112.9570, 35.5172,
-5.2243

■ 112.9570, 35.5172,
-5.2243

255.0000, 0.0000,
0.0000

■ 87.7180, 34.6490,
-6.7687

■ 165.8370, 37.5484,
-3.3650

■ 63.0660, 33.4915,
-8.8279

■ 191.5400, 31.2858,
-1.3506

■ 38.6200, 33.2183,
-14.5757

■ 216.0600, 19.1974,
2.5784

■ 17.4520, 31.3292,
-15.3054

■ 241.7540, 6.5303,
5.4777

■ 6.4980, 24.8975,
-5.6987

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 112.9570, 35.5172,
-5.2243

■ 112.9570, 35.5172,
-5.2243

■ 97.3080, 43.2322,
-6.4091

■ 129.1930, 27.5129,
-4.5543

■ 80.7730, 51.3839,
-7.6939

■ 145.1410, 19.6505,
-2.7547

■ 65.1240, 59.0989,
-8.8787

■ 160.7900, 11.9355,
-1.5698

■ 48.5890, 67.2506,
-10.1636

■ 177.3250, 3.7838,
-0.2850

■ 32.3530, 75.2550,
-10.8336

■ 193.5610, -4.2206,
0.3850

■ 24.3790, 79.1862,
-11.7334

■ 209.2100,
-11.9355, 1.5698

■ 225.7450,
-20.0873, 2.8546

■ 241.3940,
-27.8022, 4.0395

■ 247.0200,
-30.5759, 6.9985

Harmonies

Analogous

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



90.7950, 50.8801, -79.6272



112.9570, 35.5172, -5.2243



114.6330, 20.3939, 38.9099

Triad

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



112.9570, 35.5172, -5.2243



109.1980, -33.6216, 50.6924



89.2090, 9.2640, -78.2363

Complementary

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



112.9570, 35.5172, -5.2243



174.0430, -35.5172, 5.2243

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.



92.5270, -13.0778, -52.2052



112.9570, 35.5172, -5.2243



106.5140, -43.1444, 24.9822

Square

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



112.9570, 35.5172, -5.2243



109.0640, -16.7936, 66.5959



103.0800, -35.0424, -7.0862



93.8830, 27.1727, -82.3354

Rectangle

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



112.9570, 35.5172, -5.2243



112.0670, 8.8410, 57.8232



103.0800, -35.0424, -7.0862



86.9120, 3.0014, -76.2218

Sweetspot

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



112.9570, 35.5172, -5.2243



212.8330, 13.3933, -2.4845



157.8350, 13.3923, -48.9673



103.4650, 8.1518, -1.2848



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



112.9570, 35.5172, -5.2243



127.2120, 55.6045, -8.0789



125.2160, 29.4735, 19.9816



84.0260, 3.9312, -0.8998



20.4750, 66.8138, -10.0636



3.7900, 11.9355, -1.5698

Inverse Universe

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



135.7090, 21.8355, 43.2282



162.7780, 34.1264, 67.7237



161.7840, -29.4735, -19.9816



86.6030, 2.1677, 4.7332



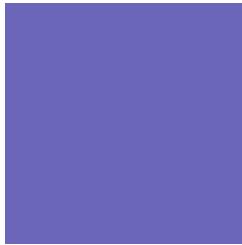
63.2880, 40.7770, 81.3084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 112.9570, 35.5172, -5.2243 looks on a white background.

Color Contrast Check

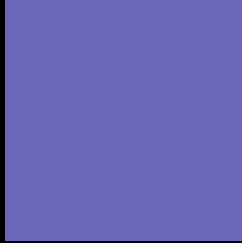
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9570, 35.5172, -5.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

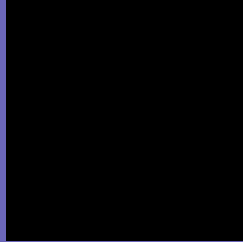
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.9570, 35.5172, -5.2243

Background



This preview shows how black text looks on a background with the YUV color 112.9570, 35.5172, -5.2243.



This preview shows how white text looks on a background with the YUV color 112.9570, 35.5172, -5.2243.

-5.2243.

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

112.9570, 35.5172, -5.2243

Protanopia

108.5950, 41.1187, -28.5858

Deuteranopia

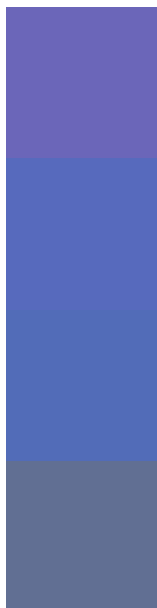
106.6390, 37.6460, -34.7634



Tritanopia

109.8500, 7.4690, -15.6544

Trichromacy



Original Color

112.9570, 35.5172, -5.2243

Protanomaly

109.7810, 39.0550, -19.9789

Deuteranomaly

108.8900, 37.0292, -23.5825

Tritanomaly

110.9180, 17.7884, -12.2061

Monochromacy



Original Color

112.9570, 35.5172, -5.2243

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0180, 12.8091, -1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9570, 35.5172, -5.2243 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(107, 102, 185)` looks like.

```
.text, #text, p{  
    color:rgb(107, 102, 185)  
}
```

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(107, 102, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 102, 185) }
```

Border

The CSS property to change the border of an element to YUV 112.9570, 35.5172, -5.2243 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(107, 102, 185) }
```


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

```
.border{ border-color:rgb(107, 102, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 102, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 102, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 102, 185);  
box-shadow:4px 4px 4px 4px rgb(107, 102,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 112.9570, 35.5172, -5.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 102, 185) }
```

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

```
.background{ background-color: rgb(107,  
102, 185) }
```

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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