

Converting Colors

YUV(115.4160, 25.9239,
-8.2578)

Have a look what the booklet for
YUV(115.4160, 25.9239, -8.2578)
contains.

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Color

**YUV(115.4160, 25.9239,
-8.2578)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6EA8
RGB	106, 110, 168
RGB Percent	42%, 43%, 66%
CMY	0.5843, 0.5686, 0.3412
CMYK	0.37, 0.35, 0.00, 0.34
HSL	236°, 26%, 54%
HSV	236°, 37%, 66%
XYZ	18.5877, 17.0432, 39.3558
YIQ	115.4160, -21.0020, 17.1900

Conversions

Conversions Part 2

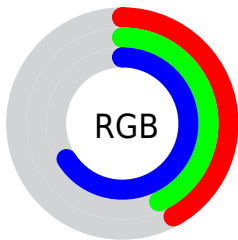
Format	Color
RYB	106, 110, 168
Decimal	6975144
CIELab	48.31, 13.01, -31.58
CIELCh	48, 34.153, 292.384
Yxy	17.0432, 0.2479, 0.2273
Android (android.graphics.Color)	4285165224 (0xFF6A6EA8)
YUV	115.4160, 25.9239, -8.2578
Hunter-Lab	41.2834, 8.1229, -27.6232

Details

The YUV color **115.4160, 25.9239, -8.2578** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.5840, -25.9239, 8.2578**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4700, 27.3763, -7.4282**, and **66.6500, 24.3296, -10.2170** is the 20% darker color. If you saturate the color by 10%, you get **100.9410, 33.0601, -10.4723**, and if you desaturate by 10%, it is **129.8910, 18.7877, -6.0434**.

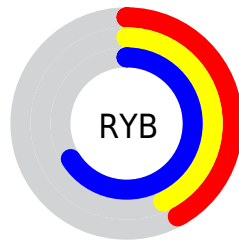
Distribution



Red (42%)

Green (43%)

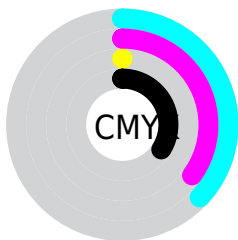
Blue (66%)



Red (42%)

Yellow (43%)

Blue (66%)

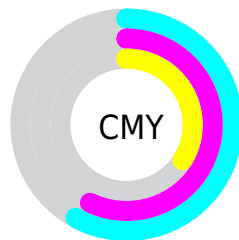


Cyan (37%)

Magenta (35%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (57%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.4160, 25.9239, -8.2578 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 115.4160, 25.9239, -8.2578 by changing the saturation by 10% instead.

■ 115.4160, 25.9239,
-8.2578

■ 115.4160, 25.9239,
-8.2578

■ 255.0000, 0.0000,
0.0000

■ 90.4760, 24.9083,
-9.1875

■ 167.4700, 27.3763,
-7.4282

■ 66.6500, 24.3296,
-10.2170

■ 194.9970, 28.1025,
-7.0134

■ 43.1120, 23.6088,
-12.3762

■ 220.1470, 17.1825,
-4.5139

■ 19.9650, 23.1883,
-17.5093

■ 245.8410, 4.5154,
-1.6146

■ 5.0160, 19.2191,
-4.3990

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 115.4160, 25.9239,
-8.2578

■ 115.4160, 25.9239,
-8.2578

■ 100.9410, 33.0601,
-10.4723

■ 129.8910, 18.7877,
-6.0434

■ 87.0530, 39.9069,
-13.2015

■ 143.7790, 11.9410,
-3.3142

■ 72.8770, 46.8956,
-14.8011

■ 157.9550, 4.9522,
-1.7145

■ 58.4020, 54.0318,
-17.0156

■ 172.4300, -2.1840,
0.4999

■ 43.9270, 61.1680,
-19.2300

■ 186.9050, -9.3202,
2.7143

■ 30.0390, 68.0148,
-21.9592

■ 200.7930,
-16.1669, 5.4435

■ 25.6090, 70.1988,
-22.4591

■ 215.2680,
-23.3031, 7.6580

■ 229.4440,
-30.2919, 9.2576

■ 242.7340,
-36.8439, 10.7573

Harmonies

Analogous

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



104.9980, 33.0320, -48.2332



115.4160, 25.9239, -8.2578



118.2690, 15.6434, 22.5661

Triad

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



115.4160, 25.9239, -8.2578



114.5200, -21.9484, 39.8860



96.1790, 4.8418, -59.7930

Complementary

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



115.4160, 25.9239, -8.2578



158.5840, -25.9239, 8.2578

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.



105.8770, -13.7434, -25.3251



115.4160, 25.9239, -8.2578



113.2160, -27.7145, 22.6126

Square

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



115.4160, 25.9239, -8.2578



115.5500, -10.6242, 47.7526



110.4690, -24.8812, 0.4657



91.2270, 22.0731, -80.0061

Rectangle

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



115.4160, 25.9239, -8.2578



118.1800, 7.3063, 36.6761



110.4690, -24.8812, 0.4657



100.4320, -2.1850, -45.9829

Sweetspot

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



115.4160, 25.9239, -8.2578



198.9100, 9.9044, -3.4291



149.0060, 7.3920, -37.7163



97.2970, 6.2626, -2.0145



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



115.4160, 25.9239, -8.2578



137.4660, 40.1963, -12.6867



121.1410, 23.1015, 10.4003



76.9120, 3.4944, -0.7998



22.7420, 61.7522, -19.9447



2.8670, 8.4466, -2.5144

Inverse Universe

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



124.9940, -7.3920, 37.7163



152.3880, -11.5303, 58.4187



152.8590, -23.1015, -10.4003



78.3920, -1.1793, 4.9182



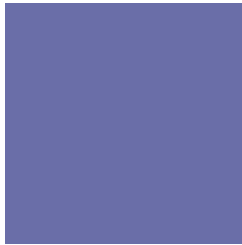
45.3920, -17.4483, 89.9872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 115.4160, 25.9239, -8.2578 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 115.4160, 25.9239, -8.2578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

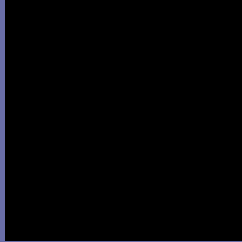
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.4160, 25.9239, -8.2578

Background



This preview shows how black text looks on a background with the YUV color 115.4160, 25.9239, -8.2578.



This preview shows how white text looks on a background with the YUV color 115.4160, 25.9239, -8.2578.

-8.2578.

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

115.4160, 25.9239, -8.2578

Protanopia

114.1160, 27.5508, -16.7647

Deuteranopia

113.7630, 26.2458, -18.2092



Tritanopia

112.8610, 7.4635, -13.9101

Trichromacy



Original Color

115.4160, 25.9239, -8.2578

Protanomaly

114.6110, 26.8138, -13.6908

Deuteranomaly

114.6710, 25.7982, -14.6205

Tritanomaly

113.7070, 14.4414, -12.0210

Monochromacy



Original Color

115.4160, 25.9239, -8.2578

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0950, 9.3202, -2.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4160, 25.9239, -8.2578 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(106, 110, 168)` looks like.

```
.text, #text, p{  
    color:rgb(106, 110, 168)  
}
```

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(106, 110, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 110, 168) }
```

Border

The CSS property to change the border of an element to YUV 115.4160, 25.9239, -8.2578 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(106, 110, 168) }
```


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

```
.border{ border-color:rgb(106, 110, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 110, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 110, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 110, 168); box-shadow:4px 4px 4px 4px rgb(106, 110, 168) }
```

Background

The CSS property to change the background color of an element to YUV 115.4160, 25.9239, -8.2578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 110, 168) }
```

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

```
.background{ background-color: rgb(106,  
110, 168) }
```

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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