

Converting Colors

YUV(110.8820, 25.6942,
-27.9605)

Have a look what the booklet for
YUV(110.8820, 25.6942, -27.9605)
contains.

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Color

**YUV(110.8820, 25.6942,
-27.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	4F75A3
RGB	79, 117, 163
RGB Percent	31%, 46%, 64%
CMY	0.6902, 0.5412, 0.3608
CMYK	0.52, 0.28, 0.00, 0.36
HSL	213°, 35%, 47%
HSV	213°, 52%, 64%
XYZ	16.1966, 17.0292, 37.0836
YIQ	110.8820, -37.4140, 6.2500

Conversions

Conversions Part 2

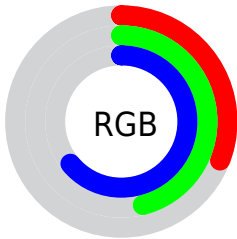
Format	Color
R _Y B	79, 105, 163
Decimal	5207459
CIE Lab	48.30, 0.06, -28.81
CIE LCh	48, 28.814, 270.123
Yxy	17.0292, 0.2304, 0.2422
Android (android.graphics.Color)	4283397539 (0xFF4F75A3)
YUV	110.8820, 25.6942, -27.9605
Hunter-Lab	41.2664, -2.1571, -24.3938

Details

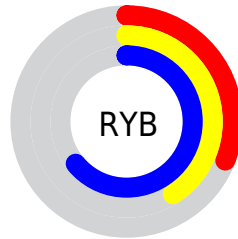
The YUV color **110.8820, 25.6942, -27.9605** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **131.1180, -25.6942, 27.9605**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8220, 26.7098, -27.0309**, and **59.1370, 25.5685, -34.3231** is the 20% darker color. If you saturate the color by 10%, you get **100.8150, 30.6572, -33.1638**, and if you desaturate by 10%, it is **120.9490, 20.7311, -22.7573**.

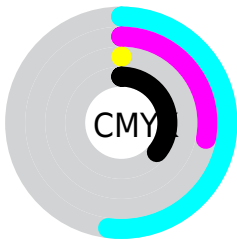
Distribution



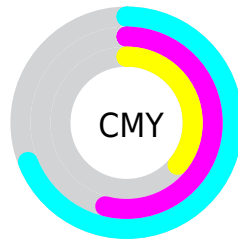
- Red (31%)
- Green (46%)
- Blue (64%)



- Red (31%)
- Yellow (41%)
- Blue (64%)



- Cyan (52%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8820, 25.6942, -27.9605 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 110.8820, 25.6942, -27.9605 by changing the saturation by 10% instead.

■ 110.8820, 25.6942,
-27.9605

■ 110.8820, 25.6942,
-27.9605

■ 255.0000, 0.0000,
0.0000

■ 85.1700, 25.5522,
-29.0901

■ 163.8220, 26.7098,
-27.0309

■ 59.1370, 25.5685,
-34.3231

■ 191.0500, 27.5833,
-27.2309

■ 37.3930, 23.9633,
-32.7937

■ 217.0690, 18.7000,
-24.6165

■ 23.0310, 19.7047,
-20.1982

■ 242.4640, 6.1802,
-22.3319

■ 6.4350, 17.0405,
-5.6435

■ 252.3090, 1.3267,
-5.5330

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 110.8820, 25.6942,
-27.9605

■ 110.8820, 25.6942,
-27.9605

■ 100.8150, 30.6572,
-33.1638

■ 120.9490, 20.7311,
-22.7573

■ 90.4490, 35.7676,
-38.9818

■ 131.3150, 15.6207,
-16.9393

■ 80.3820, 40.7307,
-44.1850

■ 141.3820, 10.6577,
-11.7360

■ 70.3150, 45.6937,
-49.3883

■ 151.4490, 5.6946,
-6.5328

■ 62.0200, 49.7831,
-54.3915

■ 161.8150, 0.5842,
-0.7148

■ 171.8820, -4.3788,
4.4885

■ 181.3620, -9.0525,
10.2065

■ 191.4290,
-14.0155, 15.4098

■ 201.7950,
-19.1259, 21.2278

Harmonies

Analogous

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



100.4390, 27.3916, -59.1440



110.8820, 25.6942, -27.9605



116.2770, 20.0764, 0.6341

Triad

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



110.8820, 25.6942, -27.9605



116.0390, -12.3442, 39.4308



106.3590, -8.0650, -26.6248

Complementary

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



110.8820, 25.6942, -27.9605



131.1180, -25.6942, 27.9605

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.



110.0430, -18.7552, -4.4227



110.8820, 25.6942, -27.9605



114.8070, -20.6109, 30.8643

Square

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



110.8820, 25.6942, -27.9605



117.4160, -0.6981, 37.3462



112.7250, -23.0354, 15.1502



100.6900, 6.5618, -51.4711

Rectangle

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



110.8820, 25.6942, -27.9605



117.4810, 14.0599, 17.1182



112.7250, -23.0354, 15.1502



107.9640, -12.3073, -19.2624

Sweetspot

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



110.8820, 25.6942, -27.9605



191.8660, 9.9261, -10.4065



133.4380, -4.6529, -47.7421



95.4490, 5.6946, -6.5328



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



110.8820, 25.6942, -27.9605



130.2680, 40.2939, -44.0850



89.4730, 36.2488, -6.5538



76.3740, 2.7736, -2.9590



55.2720, 44.2359, -48.4735



6.7480, 5.5472, -5.9180

Inverse Universe

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



108.4480, 4.2161, 47.8421



126.3080, 6.7502, 75.1519



152.5270, -36.2488, 6.5538



76.1470, 0.4205, 5.1331



50.8790, 7.4547, 82.5441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 110.8820, 25.6942, -27.9605 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 110.8820, 25.6942, -27.9605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

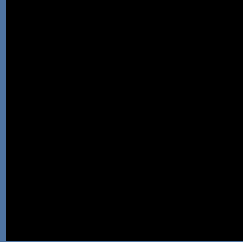
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.8820, 25.6942, -27.9605

Background



This preview shows how black text looks on a background with the YUV color 110.8820, 25.6942, -27.9605.



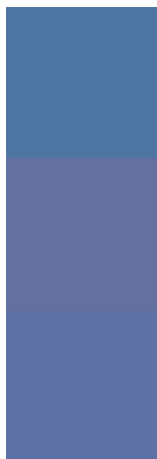
This preview shows how white text looks on a background with the YUV color 110.8820, 25.6942, -27.9605.

-27.9605.

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

110.8820, 25.6942, -27.9605

Protanopia

114.4710, 22.4458, -12.6911

Deuteranopia

113.4320, 24.9300, -16.1649



Tritanopia

107.9940, 12.3280, -34.1977

Trichromacy



Original Color

110.8820, 25.6942, -27.9605

Protanomaly

112.7800, 23.7725, -18.2241

Deuteranomaly

112.2250, 25.5251, -20.3683

Tritanomaly

109.2700, 17.1219, -31.8088

Monochromacy



Original Color

110.8820, 25.6942, -27.9605

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.7520, 9.4893, -10.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8820, 25.6942, -27.9605 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(79, 117, 163)` looks like.

```
.text, #text, p{  
    color:rgb(79, 117, 163)  
}
```

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(79, 117, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 117, 163) }
```

Border

The CSS property to change the border of an element to YUV 110.8820, 25.6942, -27.9605 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(79, 117, 163) }
```


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

```
.border{ border-color:rgb(79, 117, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 117, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 117, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 117, 163);  
box-shadow:4px 4px 4px 4px rgb(79, 117,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 110.8820, 25.6942, -27.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 117, 163) }
```

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

```
.background{ background-color: rgb(79, 117,  
163) }
```

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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