

Converting Colors

YUV(46.8820, 25.6942,
-27.9605)

Have a look what the booklet for
YUV(46.8820, 25.6942, -27.9605)
contains.

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Color

**YUV(46.8820, 25.6942,
-27.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3563
RGB	15, 53, 99
RGB Percent	6%, 21%, 39%
CMY	0.9412, 0.7922, 0.6118
CMYK	0.85, 0.46, 0.00, 0.61
HSL	213°, 74%, 22%
HSV	213°, 85%, 39%
XYZ	3.7222, 3.5486, 12.2931
YIQ	46.8820, -37.4140, 6.2500

Conversions

Conversions Part 2

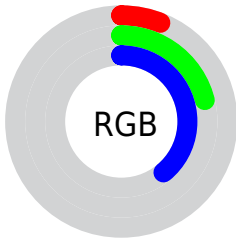
Format	Color
R_{YB}	15, 41, 99
Decimal	996707
CIE _{Lab}	22.12, 5.49, -30.94
CIE _{LCh}	22, 31.424, 280.058
Yxy	3.5486, 0.1903, 0.1814
Android (android.graphics.Color)	4279186787 (0xFF0F3563)
YUV	46.8820, 25.6942, -27.9605
Hunter-Lab	18.8378, 2.3045, -25.5050

Details

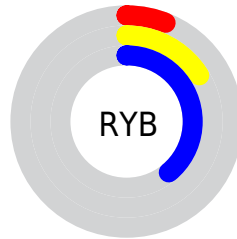
The YUV color **46.8820, 25.6942, -27.9605** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **67.1180, -25.6942, 27.9605**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0400, 26.1093, -21.0831**, and **10.6240, 20.3984, -9.3172** is the 20% darker color. If you saturate the color by 10%, you get **40.9570, 28.6152, -31.5343**, and if you desaturate by 10%, it is **52.8070, 22.7731, -24.3867**.

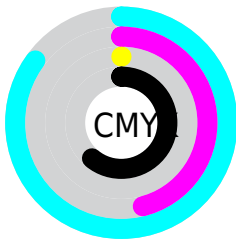
Distribution



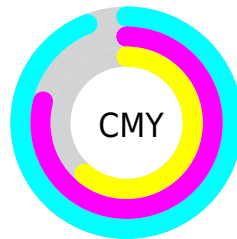
- Red (6%)
- Green (21%)
- Blue (39%)



- Red (6%)
- Yellow (16%)
- Blue (39%)



- Cyan (85%)
- Magenta (46%)
- Yellow (0%)
- Black (61%)



- Cyan (94%)
- Magenta (79%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8820, 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 46.8820, 25.6942, -27.9605 by changing the saturation by 10% instead.

■ 46.8820, 25.6942,
-27.9605

■ 46.8820, 25.6942,
-27.9605

■ 255.0000, 0.0000,
0.0000

■ 27.3340, 23.4993,
-23.9719

■ 97.0400, 26.1093,
-21.0831

■ 10.6240, 20.3984,
-9.3172

■ 122.8660, 26.6881,
-20.0535

■ 4.5940, 12.5252,
-4.0289

■ 149.0940, 27.5617,
-20.2534

■ 0.0000, 0.0000,
0.0000

■ 175.6210, 28.2878,
-19.8386

■ 202.9370, 25.6671,
-19.2387

■ 228.0440, 13.2893,

-15.8246

■ 250.2160, 2.3585,
-9.8364

■ 46.8820, 25.6942,
-27.9605

■ 46.8820, 25.6942,
-27.9605

■ 40.9570, 28.6152,
-31.5343

■ 52.8070, 22.7731,
-24.3867

■ 37.7010, 30.2204,
-33.0638

■ 59.3190, 19.5627,
-21.3278

■ 65.2440, 16.6417,
-17.7540

■ 71.7560, 13.4313,
-14.6950

■ 77.6810, 10.5103,
-11.1212

■ 83.8940, 7.4473,
-8.6770

■ 89.8190, 4.5262,
-5.1033

■ 95.7440, 1.6052,
-1.5295

■ 102.2560, -1.6052,
1.5295

Harmonies

Analogous

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



46.2780, 25.0059, -40.5858



46.8820, 25.6942, -27.9605



54.5230, 16.9972, 8.3113

Triad

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



46.8820, 25.6942, -27.9605



51.0770, -13.3490, 35.0125



41.0850, -2.5069, -36.0315

Complementary

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



46.8820, 25.6942, -27.9605



67.1180, -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.



46.3840, -15.9653, -12.6148



46.8820, 25.6942, -27.9605



50.5950, -22.4783, 23.1572

Square

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



46.8820, 25.6942, -27.9605



51.2590, -2.5927, 38.3609



49.0400, -24.1767, 7.8579



44.4080, 7.6869, -38.9458

Rectangle

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



46.8820, 25.6942, -27.9605



54.1290, 11.2754, 23.5659



49.0400, -24.1767, 7.8579



39.8850, -5.8593, -34.1021

Sweetspot

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



46.8820, 25.6942, -27.9605



107.8660, 9.9261, -10.4065



69.4380, -4.6529, -47.7421



51.8620, 5.9840, -6.0180



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



46.8820, 25.6942, -27.9605



48.6380, 39.1255, -42.6555



25.4730, 36.2488, -6.5538



45.6300, 1.1684, -1.4295



42.7050, 34.1624, -37.4523



90.7560, 73.5773, -79.5930

Inverse Universe

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



44.4480, 4.2161, 47.8421



44.8840, 6.4662, 72.8927



88.5270, -36.2488, 6.5538



45.4240, 0.2840, 2.2592



39.3020, 5.7671, 63.7561



84.0720, 11.7965, 136.7489

Previews

White Background



This preview shows how the YUV color 46.8820, 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 ✓ Pass

Black Background



This preview shows how the YUV color 46.8820, 25.6942, -27.9605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

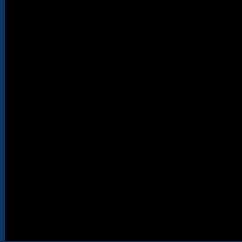
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.8820, 25.6942, -27.9605

Background



This preview shows how black text looks on a background with the YUV color 46.8820, 25.6942, -27.9605.



This preview shows how white text looks on a background with the YUV color 46.8820, 25.6942,

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

46.8820, 25.6942, -27.9605

Protanopia

50.6660, 23.3357, -18.1241

Deuteranopia

42.5280, 25.8687, -37.2971



Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Original Color

46.8820, 25.6942, -27.9605

Protanomaly

49.1710, 24.0727, -21.1980

Deuteranomaly

44.1370, 25.5685, -34.3231

Tritanomaly

43.6180, 15.9643, -33.8680

Monochromacy



Original Color

46.8820, 25.6942, -27.9605

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7520, 9.4893, -10.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8820, 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(15, 53, 99)` looks like.

```
.text, #text, p{  
    color:rgb(15, 53, 99)  
}
```

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(15, 53, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 53, 99) }
```

Border

The CSS property to change the border of an element to YUV 46.8820, 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(15, 53, 99) }
```


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

```
.border{ border-color:rgb(15, 53, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 53, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 53, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 53, 99);  
box-shadow:4px 4px 4px 4px rgb(15, 53, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.8820, 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(15, 53, 99) }
```

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

```
.background{ background-color: rgb(15, 53,  
99) }
```

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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