

Converting Colors

YUV(67.1810, 25.5468,
-27.3457)

Have a look what the booklet for
YUV(67.1810, 25.5468, -27.3457)
contains.

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Color

**YUV(67.1810, 25.5468,
-27.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	244977
RGB	36, 73, 119
RGB Percent	14%, 29%, 47%
CMY	0.8588, 0.7137, 0.5333
CMYK	0.70, 0.39, 0.00, 0.53
HSL	213°, 54%, 30%
HSV	213°, 70%, 47%
XYZ	6.4399, 6.4721, 18.3626
YIQ	67.1810, -36.8180, 6.4620

Conversions

Conversions Part 2

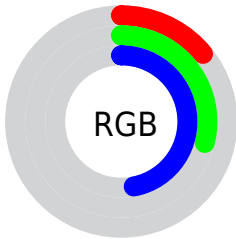
Format	Color
R_{YB}	36, 62, 119
Decimal	2378103
CIE _{Lab}	30.57, 3.09, -30.20
CIE _{LCh}	31, 30.356, 275.841
Yxy	6.4721, 0.2059, 0.2069
Android (android.graphics.Color)	4280568183 (0xFF244977)
YUV	67.1810, 25.5468, -27.3457
Hunter-Lab	25.4403, 0.6645, -24.9869

Details

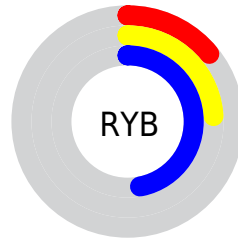
The YUV color **67.1810, 25.5468, -27.3457** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **87.8190, -25.5468, 27.3457**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8440, 26.6989, -23.5422**, and **25.5900, 21.8941, -22.4424** is the 20% darker color. If you saturate the color by 10%, you get **59.4840, 29.3414, -31.1195**, and if you desaturate by 10%, it is **74.8780, 21.7521, -23.5720**.

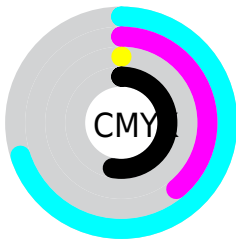
Distribution



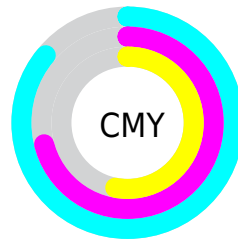
- Red (14%)
- Green (29%)
- Blue (47%)



- Red (14%)
- Yellow (24%)
- Blue (47%)



- Cyan (70%)
- Magenta (39%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1810, 25.5468, -27.3457 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 67.1810, 25.5468, -27.3457 by changing the saturation by 10% instead.

■ 67.1810, 25.5468,
-27.3457

■ 67.1810, 25.5468,
-27.3457

■ 255.0000, 0.0000,
0.0000

■ 40.6530, 26.3001,
-35.6527

■ 117.8440, 26.6989,
-23.5422

■ 25.5900, 21.8941,
-22.4424

■ 143.9580, 27.1357,
-23.6422

■ 7.2330, 20.0981,
-6.3433

■ 170.7840, 27.7145,
-22.6126

■ 3.5510, 11.0674,
-3.1142

■ 198.4850, 27.8619,
-23.2273

■ 0.0000, 0.0000,
0.0000

■ 223.2930, 15.6316,
-20.4280

■ 247.2260, 3.8326,

-15.9842

■ 67.1810, 25.5468,
-27.3457

■ 67.1810, 25.5468,
-27.3457

■ 59.4840, 29.3414,
-31.1195

■ 74.8780, 21.7521,
-23.5720

■ 52.3740, 32.8466,
-35.4080

■ 81.9880, 18.2469,
-19.2835

■ 44.6770, 36.6412,
-39.1817

■ 89.6850, 14.4523,
-15.5097

■ 96.7950, 10.9471,
-11.2212

■ 104.4920, 7.1524,
-7.4475

■ 111.8900, 3.5052,
-4.2885

■ 119.0000, 0.0000,
0.0000

■ 126.6970, -3.7946,
3.7737

■ 133.8070, -7.2999,
8.0623

Harmonies

Analogous

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



60.0700, 27.0805, -52.6814



67.1810, 25.5468, -27.3457



74.0280, 17.7342, 5.2374

Triad

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



67.1810, 25.5468, -27.3457



71.3160, -12.4808, 36.5569



60.0420, -3.9647, -35.1168

Complementary

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



67.1810, 25.5468, -27.3457



87.8190, -25.5468, 27.3457

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.



66.7650, -17.1391, -9.4409



67.1810, 25.5468, -27.3457



70.9590, -21.1788, 26.3460

Square

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



67.1810, 25.5468, -27.3457



72.0740, -2.0085, 37.6461



68.9910, -23.1666, 10.5319



57.9720, 8.8878, -50.8414

Rectangle

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



67.1810, 25.5468, -27.3457



74.6340, 12.0124, 20.4920



68.9910, -23.1666, 10.5319



63.0280, -9.3808, -24.5806

Sweetspot

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



67.1810, 25.5468, -27.3457



134.9800, 10.3629, -10.5065



89.9650, -3.9267, -47.3273



66.5630, 6.1314, -6.6328



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



67.1810, 25.5468, -27.3457



73.9800, 40.4359, -42.9555



46.6580, 35.6646, -5.8391



54.8580, 2.0420, -1.6295



46.1930, 37.3729, -40.5113



93.6570, 77.0771, -82.1372

Inverse Universe

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



65.0350, 3.9267, 47.3273



70.7810, 6.0240, 74.7371



108.3420, -35.6646, 5.8391



55.0220, -0.0108, 3.4887



42.7480, 6.0402, 69.5040



87.4040, 11.6328, 142.5967

Previews

White Background



This preview shows how the YUV color 67.1810, 25.5468, -27.3457 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 67.1810, 25.5468, -27.3457 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 67.1810, 25.5468, -27.3457

Background



This preview shows how black text looks on a background with the YUV color 67.1810, 25.5468, -27.3457.



This preview shows how white text looks on a background with the YUV color 67.1810, 25.5468, -27.3457.

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

67.1810, 25.5468, -27.3457

Protanopia

70.5740, 22.8880, -14.5354

Deuteranopia

68.0890, 25.0991, -23.7571



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

67.1810, 25.5468, -27.3457

Protanomaly

69.1820, 24.0673, -19.4536

Deuteranomaly

67.4910, 25.3939, -24.9866

Tritanomaly

60.2580, 18.6068, -41.4453

Monochromacy



Original Color

67.1810, 25.5468, -27.3457

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0510, 9.3419, -9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1810, 25.5468, -27.3457 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(36, 73, 119)` looks like.

```
.text, #text, p{  
    color:rgb(36, 73, 119)  
}
```

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(36, 73, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 73, 119) }
```

Border

The CSS property to change the border of an element to YUV 67.1810, 25.5468, -27.3457 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(36, 73, 119) }
```


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

```
.border{ border-color:rgb(36, 73, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 73, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 73, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 73, 119);  
box-shadow:4px 4px 4px 4px rgb(36, 73,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 67.1810, 25.5468, -27.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 73, 119) }
```

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

```
.background{ background-color: rgb(36, 73,  
119) }
```

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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