

Converting Colors

YUV(59.6630, 27.7741,
-41.8005)

Have a look what the booklet for
YUV(59.6630, 27.7741, -41.8005)
contains.

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Color

**YUV(59.6630, 27.7741,
-41.8005)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4974
RGB	12, 73, 116
RGB Percent	5%, 29%, 45%
CMY	0.9529, 0.7137, 0.5451
CMYK	0.90, 0.37, 0.00, 0.55
HSL	205°, 81%, 25%
HSV	205°, 90%, 45%
XYZ	5.6865, 6.1042, 17.4015
YIQ	59.6630, -50.1590, 0.4410

Conversions

Conversions Part 2

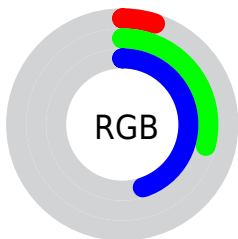
Format	Color
R_{YB}	12, 50, 116
Decimal	805236
CIE _{Lab}	29.67, -1.31, -29.79
CIE _{LCh}	30, 29.817, 267.476
Yxy	6.1042, 0.1948, 0.2091
Android (android.graphics.Color)	4278995316 (0xFF0C4974)
YUV	59.6630, 27.7741, -41.8005
Hunter-Lab	24.7067, -2.1527, -24.4647

Details

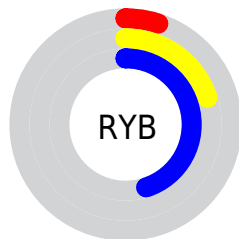
The YUV color **59.6630, 27.7741, -41.8005** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.3370, -27.7741, 41.8005**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2020, 27.0154, -31.7492**, and **25.2480, 20.5837, -22.1425** is the 20% darker color. If you saturate the color by 10%, you get **53.1400, 30.9900, -46.6038**, and if you desaturate by 10%, it is **66.1860, 24.5583, -36.9971**.

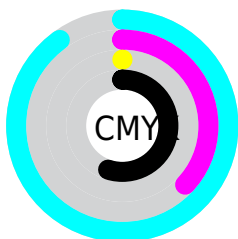
Distribution



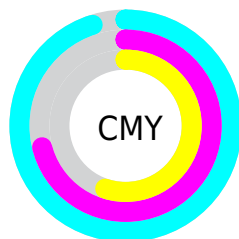
- Red (5%)
- Green (29%)
- Blue (45%)



- Red (5%)
- Yellow (20%)
- Blue (45%)



- Cyan (90%)
- Magenta (37%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6630, 27.7741, -41.8005 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 59.6630, 27.7741, -41.8005 by changing the saturation by 10% instead.

■ 59.6630, 27.7741,
-41.8005

■ 59.6630, 27.7741,
-41.8005

■ 255.0000, 0.0000,
0.0000

■ 40.3110, 24.9897,
-35.3527

■ 113.2020, 27.0154,
-31.7492

■ 25.2480, 20.5837,
-22.1425

■ 139.7290, 27.7416,
-31.3343

■ 6.8910, 18.7877,
-6.0434

■ 166.5550, 28.3204,
-30.3047

■ 3.3230, 10.1938,
-2.9143

■ 194.2560, 28.4678,
-30.9195

■ 0.0000, 0.0000,
0.0000

■ 219.7050, 17.4004,
-27.8053

■ 243.3390, 5.7489,

-23.9763

252.3090, 1.3267,
-5.5330

59.6630, 27.7741,
-41.8005

59.6630, 27.7741,
-41.8005

53.1400, 30.9900,
-46.6038

66.1860, 24.5583,
-36.9971

72.4100, 21.4899,
-32.8086

78.3460, 18.5634,
-27.4904

84.5700, 15.4950,
-23.3019

91.0930, 12.2792,
-18.4986

■ 97.6160, 9.0633,
-13.6952

■ 103.8400, 5.9949,
-9.5067

■ 109.7760, 3.0684,
-4.1886

■ 116.0000, 0.0000,
0.0000

Harmonies

Analogous

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



58.6850, 24.3123, -51.4667



59.6630, 27.7741, -41.8005



71.1410, 19.6505, -2.7547

Triad

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



59.6630, 27.7741, -41.8005



69.7120, -9.7180, 37.0866



60.9570, -8.3598, -25.3953

Complementary

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



59.6630, 27.7741, -41.8005



68.3370, -27.7741, 41.8005

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.



65.6410, -19.0500, -3.1932



59.6630, 27.7741, -41.8005



68.6650, -18.5688, 29.2348

Square

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



59.6630, 27.7741, -41.8005



70.8610, 1.0545, 35.2019



67.7250, -23.0354, 15.1502



55.1850, 5.8248, -48.3972

Rectangle

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



59.6630, 27.7741, -41.8005



72.1710, 14.2127, 14.7590



67.7250, -23.0354, 15.1502



62.8610, -12.7495, -17.4181

Sweetspot

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



59.6630, 27.7741, -41.8005



128.6480, 10.5265, -16.3543



77.8360, -11.7511, -57.7382



63.0680, 6.8685, -9.7066



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



59.6630, 27.7741, -41.8005



68.7560, 40.0533, -60.2990



29.7260, 42.5331, -15.5457



55.4450, 1.7526, -2.1443



56.1720, 32.4532, -49.2628



114.7890, 66.6590, -100.6700

Inverse Universe

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



50.0500, 11.3144, 57.8382



54.8820, 16.3272, 83.4185



98.2740, -42.5331, 15.5457



55.1360, 0.4260, 3.3887



44.6860, 13.4658, 67.8044



91.5080, 27.3576, 138.9975

Previews

White Background



This preview shows how the YUV color 59.6630, 27.7741, -41.8005 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 59.6630, 27.7741, -41.8005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

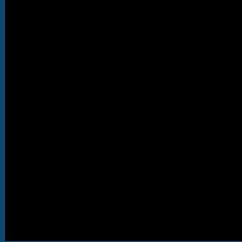
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6630, 27.7741, -41.8005

Background



This preview shows how black text looks on a background with the YUV color 59.6630, 27.7741, -41.8005.



This preview shows how white text looks on a background with the YUV color 59.6630, 27.7741,

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

59.6630, 27.7741, -41.8005

Protanopia

69.1180, 21.1408, -14.1355

Deuteranopia

66.0890, 25.0991, -23.7571



Tritanopia

55.2480, 13.6817, -48.4525

Trichromacy



Original Color

59.6630, 27.7741, -41.8005

Protanomaly

65.3340, 23.4993, -23.9719

Deuteranomaly

63.6860, 26.2838, -30.4196

Tritanomaly

56.6380, 18.9125, -46.1635

Monochromacy



Original Color

59.6630, 27.7741, -41.8005

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6630, 27.7741, -41.8005 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(12, 73, 116)` looks like.

```
.text, #text, p{  
    color:rgb(12, 73, 116)  
}
```

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(12, 73, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 73, 116) }
```

Border

The CSS property to change the border of an element to YUV 59.6630, 27.7741, -41.8005 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(12, 73, 116) }
```


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

```
.border{ border-color:rgb(12, 73, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 73, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 73, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 73, 116);  
box-shadow:4px 4px 4px 4px rgb(12, 73,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 59.6630, 27.7741, -41.8005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 73, 116) }
```

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

```
.background{ background-color: rgb(12, 73,  
116) }
```

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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