

Converting Colors

YUV(75.2870, 27.9595,
-54.6257)

Have a look what the booklet for
YUV(75.2870, 27.9595, -54.6257)
contains.

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Color

**YUV(75.2870, 27.9595,
-54.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	0D6084
RGB	13, 96, 132
RGB Percent	5%, 38%, 52%
CMY	0.9490, 0.6235, 0.4824
CMYK	0.90, 0.27, 0.00, 0.48
HSL	198°, 82%, 28%
HSV	198°, 90%, 52%
XYZ	8.5137, 10.1173, 23.3339
YIQ	75.2870, -61.0240, -6.4000

Conversions

Conversions Part 2

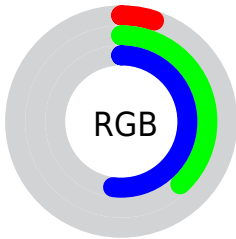
Format	Color
R_{YB}	13, 62, 132
Decimal	876676
CIE _{Lab}	38.05, -9.27, -26.49
CIE _{LCh}	38, 28.066, 250.720
Yxy	10.1173, 0.2029, 0.2411
Android (android.graphics.Color)	4279066756 (0xFF0D6084)
YUV	75.2870, 27.9595, -54.6257
Hunter-Lab	31.8076, -7.8856, -21.2295

Details

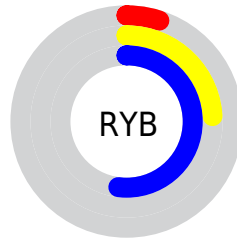
The YUV color **75.2870, 27.9595, -54.6257** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **69.7130, -27.9595, 54.6257**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3100, 26.4692, -43.2449**, and **38.6980, 21.3479, -33.9381** is the 20% darker color. If you saturate the color by 10%, you get **69.0520, 31.0334, -60.5586**, and if you desaturate by 10%, it is **81.5220, 24.8857, -48.6928**.

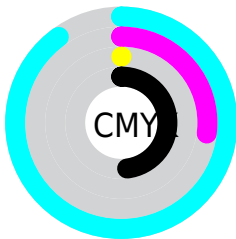
Distribution



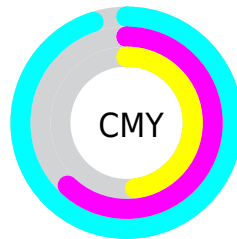
- Red (5%)
- Green (38%)
- Blue (52%)



- Red (5%)
- Yellow (24%)
- Blue (52%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (48%)



- Cyan (95%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2870, 27.9595, -54.6257 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 75.2870, 27.9595, -54.6257 by changing the saturation by 10% instead.

■ 75.2870, 27.9595,
-54.6257

■ 75.2870, 27.9595,
-54.6257

■ 255.0000, 0.0000,
0.0000

■ 54.4620, 25.9012,
-47.7632

■ 131.3100, 26.4692,
-43.2449

■ 38.6980, 21.3479,
-33.9381

■ 159.0220, 26.6112,
-42.1153

■ 23.7490, 17.3787,
-20.8279

■ 186.4350, 26.9005,
-41.6005

■ 5.3920, 15.5827,
-4.7288

■ 212.8390, 20.7854,
-40.2008

■ 2.1830, 5.8258,
-1.9145

■ 237.3590, 8.6970,
-36.2718

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,

-18.4433

■ 75.2870, 27.9595,
-54.6257

■ 75.2870, 27.9595,
-54.6257

■ 69.0520, 31.0334,
-60.5586

■ 81.5220, 24.8857,
-48.6928

■ 87.7570, 21.8118,
-42.7599

■ 94.2910, 18.5905,
-36.2122

■ 100.5260, 15.5167,
-30.2793

■ 106.7610, 12.4428,
-24.3464

■ 112.9960, 9.3690,
-18.4135

■ 119.2310, 6.2951,
-12.4806

■ 125.7650, 3.0739,
-5.9329

■ 132.0000, 0.0000,
0.0000

Harmonies

Analogous

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



72.1520, 22.6031, -63.2773



75.2870, 27.9595, -54.6257



87.8510, 22.7515, -17.4093

Triad

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



75.2870, 27.9595, -54.6257



90.7920, -4.3345, 37.0164



84.3240, -14.9497, -11.6851

Complementary

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



75.2870, 27.9595, -54.6257



69.7130, -27.9595, 54.6257

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.



87.1370, -21.2665, 7.7729



75.2870, 27.9595, -54.6257



89.5500, -14.0752, 34.5976

Square

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



75.2870, 27.9595, -54.6257



91.8970, 6.4598, 28.1543



88.7630, -20.5892, 23.8868



79.0960, -2.5123, -34.2872

Rectangle

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



75.2870, 27.9595, -54.6257



90.9350, 18.7660, 0.9340



88.7630, -20.5892, 23.8868



85.2710, -17.8816, -4.6227

Sweetspot

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



75.2870, 27.9595, -54.6257



149.0280, 10.8322, -21.0726



86.9570, -18.7128, -64.8603



73.3450, 6.7319, -12.5806



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



75.2870, 27.9595, -54.6257



89.3470, 40.2549, -78.3573



40.6540, 45.0336, -24.2526



63.0320, 1.4632, -2.6591



68.2370, 30.4492, -59.8438



1.5160, 0.7316, -1.3295

Inverse Universe

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



58.0430, 18.7128, 64.8603



64.6950, 26.7724, 93.2295



104.3460, -45.0336, 24.2526



62.2500, 0.8628, 3.2888



49.2440, 20.5857, 70.8230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 75.2870, 27.9595, -54.6257 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 75.2870, 27.9595, -54.6257 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 75.2870, 27.9595, -54.6257

Background



This preview shows how black text looks on a background with the YUV color 75.2870, 27.9595, -54.6257.

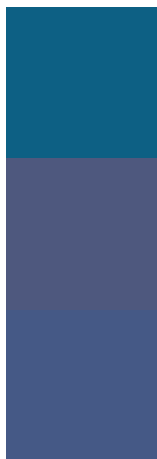


This preview shows how white text looks on a background with the YUV color 75.2870, 27.9595,

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

75.2870, 27.9595, -54.6257

Protanopia

89.3420, 18.0724, -9.9469

Deuteranopia

88.1500, 22.6041, -16.7945



Tritanopia

70.3110, 18.0877, -61.6627

Trichromacy



Original Color

75.2870, 27.9595, -54.6257

Protanomaly

84.1550, 21.6156, -26.4459

Deuteranomaly

83.8170, 24.2472, -30.5345

Tritanomaly

72.2450, 21.5712, -58.9739

Monochromacy



Original Color

75.2870, 27.9595, -54.6257

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2130, 10.2480, -20.3578

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2870, 27.9595, -54.6257 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(13, 96, 132)` looks like.

```
.text, #text, p{  
    color:rgb(13, 96, 132)  
}
```

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(13, 96, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 96, 132) }
```

Border

The CSS property to change the border of an element to YUV 75.2870, 27.9595, -54.6257 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(13, 96, 132) }
```


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

```
.border{ border-color:rgb(13, 96, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 96, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 96, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 96, 132);  
box-shadow:4px 4px 4px 4px rgb(13, 96,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 75.2870, 27.9595, -54.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 96, 132) }
```

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

```
.background{ background-color: rgb(13, 96,  
132) }
```

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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