

Converting Colors

YUV(104.2380, -24.7673,
-36.1657)

Have a look what the booklet for
YUV(104.2380, -24.7673, -36.1657)
contains.

| | |
|--|----|
| YUV(104.2380, -24.7673, -36.1657) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(104.2380, -24.7673,
-36.1657)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3F8736 |
| RGB | 63, 135, 54 |
| RGB Percent | 25%, 53%, 21% |
| CMY | 0.7529, 0.4706, 0.7882 |
| CMYK | 0.53, 0.00, 0.60, 0.47 |
| HSL | 113°, 43%, 37% |
| HSV | 113°, 60%, 53% |
| XYZ | 11.3797, 18.6510, 6.4903 |
| YIQ | 104.2380, -16.9110, -40.4550 |

Conversions

Conversions Part 2

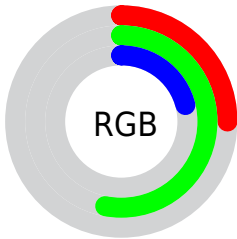
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 54, 135, 126 |
| Decimal | 4163382 |
| CIE Lab | 50.28, -39.24, 36.14 |
| CIE LCh | 50, 53.349, 137.352 |
| Yxy | 18.6510, 0.3116, 0.5107 |
| Android (android.graphics.Color) | 4282353462 (0xFF3F8736) |
| YUV | 104.2380, -24.7673, -36.1657 |
| Hunter-Lab | 43.1869, -28.5423, 21.3205 |

Details

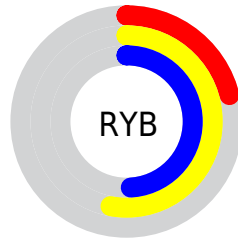
The YUV color **104.2380, -24.7673, -36.1657** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **84.7620, 24.7673, 36.1657**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7820, -26.5145, -35.7658**, and **49.5360, -23.4352, -43.4431** is the 20% darker color. If you saturate the color by 10%, you get **99.1680, -28.6768, -42.2433**, and if you desaturate by 10%, it is **109.4220, -20.4210, -30.1881**.

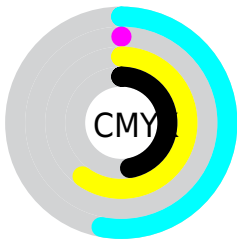
Distribution



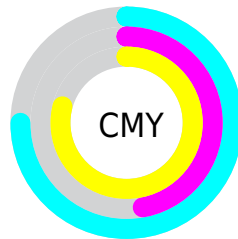
- Red (25%)
- Green (53%)
- Blue (21%)



- Red (21%)
- Yellow (53%)
- Blue (49%)



- Cyan (53%)
- Magenta (0%)
- Yellow (60%)
- Black (47%)



- Cyan (75%)
- Magenta (47%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2380, -24.7673, -36.1657 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 104.2380, -24.7673, -36.1657 by changing the saturation by 10% instead.

■ 104.2380,
-24.7673, -36.1657

■ 104.2380,
-24.7673, -36.1657

■ 255.0000, 0.0000,
0.0000

■ 77.5690, -23.4515,
-38.2100

■ 157.7820,
-26.5145, -35.7658

■ 49.5360, -23.4352,
-43.4431

■ 185.1410,
-27.6775, -36.0807

■ 35.2200, -17.3635,
-30.8879

■ 213.6140,
-28.4037, -36.4955

■ 22.8930, -11.2862,
-20.0772

■ 230.3470,
-23.3421, -26.6143

■ 1.1740, -0.5788,
-1.0296

■ 242.2100,
-15.3865, -11.5852

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,

1.4997

■ 104.2380,
-24.7673, -36.1657

■ 104.2380,
-24.7673, -36.1657

■ 99.1680, -28.6768,
-42.2433

■ 109.4220,
-20.4210, -30.1881

■ 93.9840, -33.0231,
-48.2210

■ 114.4920,
-16.5116, -24.1105

■ 88.8000, -37.3694,
-54.1986

■ 119.5620,
-12.6021, -18.0329

■ 83.7300, -41.2789,
-60.2762

■ 124.7460, -8.2558,
-12.0552

■ 129.9300, -3.9095,
-6.0776

■ 135.0000, 0.0000,
0.0000

■ 140.1840, 4.3463,
5.9776

■ 145.2540, 8.2558,
12.0552

■ 150.4380, 12.6021,
18.0329

Harmonies

Analogous

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



110.9370, -44.8319, 6.1943



104.2380, -24.7673, -36.1657



93.3520, 2.2915, -81.8697

Triad

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



104.2380, -24.7673, -36.1657



100.0220, 53.2332, -87.7193



116.4270, -10.5635, 75.0475

Complementary

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



104.2380, -24.7673, -36.1657



84.7620, 24.7673, 36.1657

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.



119.8550, 10.4245, 63.2712



104.2380, -24.7673, -36.1657



115.9090, 44.9079, -30.6152

Square

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



104.2380, -24.7673, -36.1657



102.2100, 41.3085, -89.6382



123.4450, 28.8676, 27.6737



116.6710, -30.8968, 63.4325

Rectangle

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



104.2380, -24.7673, -36.1657



97.5870, 15.9796, -85.5838



123.4450, 28.8676, 27.6737



116.6640, -3.2854, 73.9627

Sweetspot

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



104.2380, -24.7673, -36.1657



163.9800, -9.8501, -14.0145



120.4830, -32.7761, 12.7314



81.7510, -5.7932, -8.5516



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



104.2380, -24.7673, -36.1657



127.7350, -38.8164, -56.7726



105.0810, -9.8999, -44.7980



63.5220, -1.7363, -3.0888



80.4960, -39.6845, -58.3170



1.7610, -0.8682, -1.5444

Inverse Universe

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



84.7620, 24.7673, 36.1657



97.2650, 38.8164, 56.7726



83.9190, 9.8999, 44.7980



62.4780, 1.7363, 3.0888



49.5040, 39.6845, 58.3170



0.9400, 1.0156, 0.9296

Previews

White Background



This preview shows how the YUV color 104.2380, -24.7673, -36.1657 looks on a white 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

Black Background



This preview shows how the YUV color 104.2380, -24.7673, -36.1657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

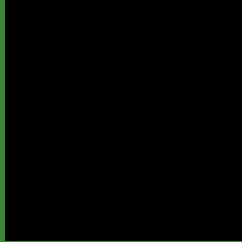
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.2380, -24.7673, -36.1657 Background



This preview shows how black text looks on a background with the YUV color 104.2380, -24.7673, -36.1657.



This preview shows how white text looks on a background with the YUV color 104.2380, -24.7673, -36.1657.

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

104.2380, -24.7673, -36.1657

Protanopia

114.9070, -32.4922, 14.9906

Deuteranopia

116.8250, -28.0147, 25.5865



Tritanopia

114.0870, 11.2961, -29.8943

Trichromacy



Original Color

104.2380, -24.7673, -36.1657

Protanomaly

111.1820, -29.6697, -3.6676

Deuteranomaly

112.3230, -26.7812, 3.2247

Tritanomaly

110.6340, -1.7916, -32.1280

Monochromacy



Original Color

104.2380, -24.7673, -36.1657

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9200, -8.8346, -13.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2380, -24.7673, -36.1657 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(63, 135, 54)` looks like.

```
.text, #text, p{  
    color:rgb(63, 135, 54)  
}
```

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(63, 135, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 135, 54) }
```

Border

The CSS property to change the border of an element to YUV 104.2380, -24.7673, -36.1657 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(63, 135, 54) }
```


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

```
.border{ border-color:rgb(63, 135, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 135, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 135, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 135, 54);  
box-shadow:4px 4px 4px 4px rgb(63, 135,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 104.2380, -24.7673, -36.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 135, 54) }
```

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

```
.background{ background-color: rgb(63, 135,  
54) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor