

Converting Colors

YUV(58.0960, 24.6027, -4.4692)

Have a look what the booklet for
YUV(58.0960, 24.6027, -4.4692)
contains.

YUV(58.0960, 24.6027, -4.4692)	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(58.0960, 24.6027,
-4.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	35336C
RGB	53, 51, 108
RGB Percent	21%, 20%, 42%
CMY	0.7922, 0.8000, 0.5765
CMYK	0.51, 0.53, 0.00, 0.58
HSL	242°, 36%, 31%
HSV	242°, 53%, 42%
XYZ	5.3588, 4.2072, 14.7170
YIQ	58.0960, -17.1050, 18.1510

Conversions

Conversions Part 2

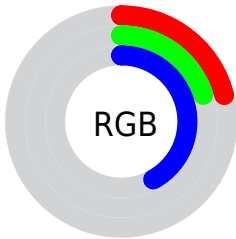
Format	Color
R_{YB}	53, 51, 108
Decimal	3486572
CIE _{Lab}	24.35, 17.82, -33.08
CIE _{LCh}	24, 37.576, 298.317
Yxy	4.2072, 0.2207, 0.1733
Android (android.graphics.Color)	4281676652 (0xFF35336C)
YUV	58.0960, 24.6027, -4.4692
Hunter-Lab	20.5116, 10.7392, -28.1823

Details

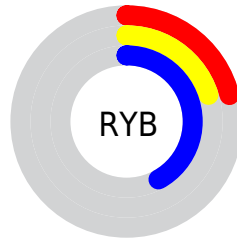
The YUV color **58.0960, 24.6027, -4.4692** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **100.9040, -24.6027, 4.4692**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2750, 26.4864, -1.9952**, and **10.9490, 24.1821, -9.6023** is the 20% darker color. If you saturate the color by 10%, you get **48.6490, 29.2600, -4.9542**, and if you desaturate by 10%, it is **67.5430, 19.9453, -3.9842**.

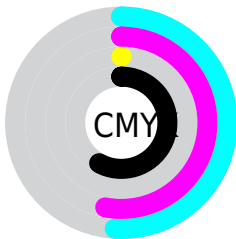
Distribution



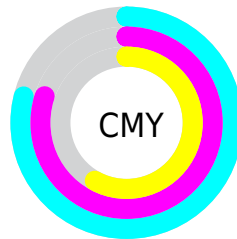
- Red (21%)
- Green (20%)
- Blue (42%)



- Red (21%)
- Yellow (20%)
- Blue (42%)



- Cyan (51%)
- Magenta (53%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0960, 24.6027, -4.4692 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 58.0960, 24.6027, -4.4692 by changing the saturation by 10% instead.

■ 58.0960, 24.6027,
-4.4692

■ 58.0960, 24.6027,
-4.4692

■ 255.0000, 0.0000,
0.0000

■ 35.1450, 23.5925,
-7.1432

■ 106.2750, 26.4864,
-1.9952

■ 10.9490, 24.1821,
-9.6023

■ 131.8020, 27.2126,
-1.5804

■ 5.5060, 16.0195,
-4.8288

■ 158.3290, 27.9388,
-1.1655

■ 2.1830, 5.8258,
-1.9145

■ 185.5570, 28.8124,
-1.3655

■ 0.0000, 0.0000,
0.0000

■ 211.0320, 21.6762,
0.8489

■ 236.1390, 9.2985,

4.2631

■ 58.0960, 24.6027,
-4.4692

■ 58.0960, 24.6027,
-4.4692

■ 48.6490, 29.2600,
-4.9542

■ 67.5430, 19.9453,
-3.9842

■ 38.9030, 34.0648,
-6.0539

■ 77.2890, 15.1405,
-2.8845

■ 30.0430, 38.4328,
-7.0537

■ 86.1490, 10.7725,
-1.8847

■ 20.2970, 43.2376,
-8.1535

■ 95.8950, 5.9678,
-0.7849

■ 13.5080, 46.5846,
-8.3385

■ 105.3420, 1.3104,
-0.2999

■ 115.0880, -3.4944,
0.7998

■ 124.5350, -8.1518,
1.2848

■ 133.3950,
-12.5197, 2.2846

■ 143.1410,
-17.3245, 3.3843

Harmonies

Analogous

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



49.5040, 32.2895, -43.4150



58.0960, 24.6027, -4.4692



58.6610, 14.4641, 27.4843

Triad

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



58.0960, 24.6027, -4.4692



55.2050, -24.2581, 34.0232



47.3600, 3.7665, -41.5347

Complementary

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



58.0960, 24.6027, -4.4692



100.9040, -24.6027, 4.4692

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.



42.8800, -8.3218, -37.6058



58.0960, 24.6027, -4.4692



54.6990, -26.9666, 16.0500

Square

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



58.0960, 24.6027, -4.4692



54.2400, -10.4713, 45.3935



51.0230, -25.1543, -5.2822



50.6660, 16.4337, -44.4341

Rectangle

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



58.0960, 24.6027, -4.4692



55.8000, 7.0006, 41.3944



51.0230, -25.1543, -5.2822



46.2200, -0.6015, -40.5349

Sweetspot

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



58.0960, 24.6027, -4.4692



120.8070, 9.4621, -1.5847



89.7830, 8.9810, -34.0127



59.4820, 5.6784, -1.2997



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



58.0960, 24.6027, -4.4692



62.9290, 37.9960, -6.9537



66.4680, 20.4753, 12.7446



48.6840, 2.6208, -0.5999



14.5340, 50.5157, -9.2383



30.6210, 105.6888, -18.9616

Inverse Universe

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



74.3130, 15.6217, 29.5435



88.0020, 24.1560, 45.6022



92.5320, -20.4753, -12.7446



50.3640, 1.2995, 3.1888



47.8650, 32.1116, 60.6314



100.1590, 66.9696, 127.0256

Previews

White Background



This preview shows how the YUV color 58.0960, 24.6027, -4.4692 looks on a white background.

Color Contrast Check

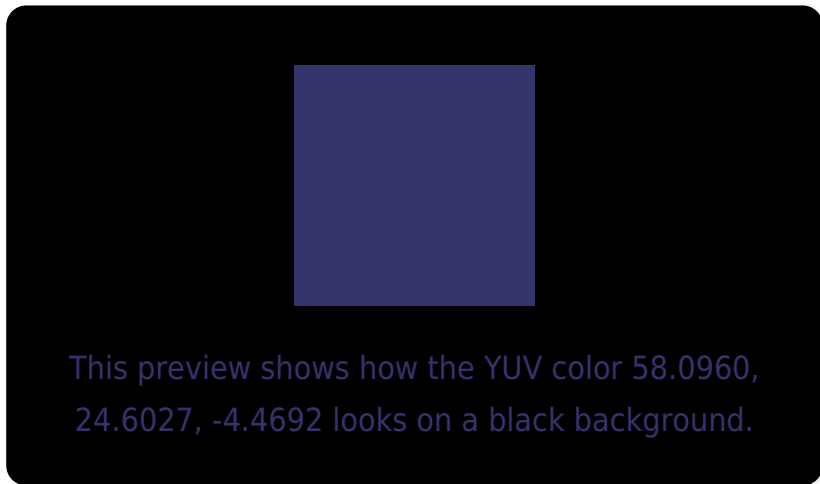
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

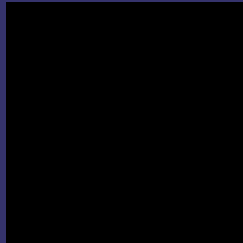
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0960, 24.6027, -4.4692

Background



This preview shows how black text looks on a background with the YUV color 58.0960, 24.6027, -4.4692.



This preview shows how white text looks on a background with the YUV color 58.0960, 24.6027,

-4.4692.

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

58.0960, 24.6027, -4.4692

Protanopia

52.6310, 29.7619, -25.9864

Deuteranopia

46.4890, 28.3529, -40.7709



Tritanopia

55.2910, 5.2795, -13.4102

Trichromacy



Original Color

58.0960, 24.6027, -4.4692

Protanomaly

54.5180, 27.8456, -17.9943

Deuteranomaly

50.5230, 26.8572, -27.6457

Tritanomaly

56.1480, 12.2520, -9.7768

Monochromacy



Original Color

58.0960, 24.6027, -4.4692

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.6930, 9.0254, -1.4848

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0960, 24.6027, -4.4692 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(53, 51, 108)` looks like.

```
.text, #text, p{  
    color:rgb(53, 51, 108)  
}
```

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(53, 51, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 51, 108) }
```

Border

The CSS property to change the border of an element to YUV 58.0960, 24.6027, -4.4692 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(53, 51, 108) }
```


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

```
.border{ border-color:rgb(53, 51, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 51, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 51, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 51, 108);  
box-shadow:4px 4px 4px 4px rgb(53, 51,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 58.0960, 24.6027, -4.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 51, 108) }
```

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

```
.background{ background-color: rgb(53, 51,  
108) }
```

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