

Converting Colors

YUV(59.2460, 40.3047,
-47.5737)

Have a look what the booklet for
YUV(59.2460, 40.3047, -47.5737)
contains.

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Color

**YUV(59.2460, 40.3047,
-47.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	05478D
RGB	5, 71, 141
RGB Percent	2%, 28%, 55%
CMY	0.9804, 0.7216, 0.4471
CMYK	0.96, 0.50, 0.00, 0.45
HSL	211°, 93%, 29%
HSV	211°, 96%, 55%
XYZ	7.1235, 6.4618, 26.0711
YIQ	59.2460, -61.8060, 7.7780

Conversions

Conversions Part 2

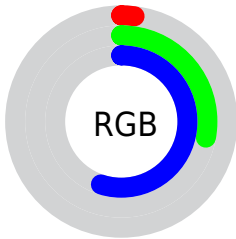
Format	Color
RYB	5, 49, 141
Decimal	345997
CIELab	30.55, 10.17, -43.94
CIElCh	31, 45.097, 283.029
Yxy	6.4618, 0.1796, 0.1629
Android (android.graphics.Color)	4278536077 (0xFF05478D)
YUV	59.2460, 40.3047, -47.5737
Hunter-Lab	25.4201, 5.5363, -43.0143

Details

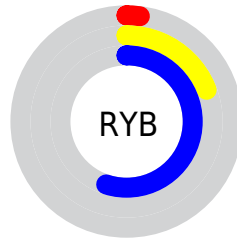
The YUV color **59.2460, 40.3047, -47.5737** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **86.7540, -40.3047, 47.5737**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.6010, 38.6507, -30.3451**, and **27.2830, 30.9195, -23.9272** is the 20% darker color. If you saturate the color by 10%, you get **55.9900, 41.9099, -49.1032**, and if you desaturate by 10%, it is **67.5410, 36.2153, -42.5705**.

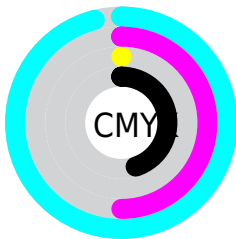
Distribution



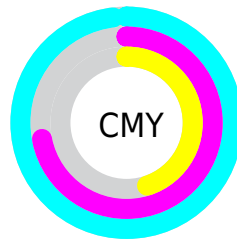
- Red (2%)
- Green (28%)
- Blue (55%)



- Red (2%)
- Yellow (19%)
- Blue (55%)



- Cyan (96%)
- Magenta (50%)
- Yellow (0%)
- Black (45%)



- Cyan (98%)
- Magenta (72%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2460, 40.3047, -47.5737 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 59.2460, 40.3047, -47.5737 by changing the saturation by 10% instead.

■ 59.2460, 40.3047,
-47.5737

■ 59.2460, 40.3047,
-47.5737

■ 255.0000, 0.0000,
0.0000

■ 41.8730, 36.0516,
-36.7226

■ 116.6010, 38.6507,
-30.3451

■ 27.2830, 30.9195,
-23.9272

■ 143.1390, 39.3715,
-28.1859

■ 8.1110, 28.5393,
-7.1133

■ 170.6660, 40.0977,
-27.7711

■ 6.6630, 17.9141,
-5.8435

■ 195.5280, 29.3197,
-24.1421

■ 2.9810, 8.8834,
-2.6143

■ 220.6350, 16.9419,
-20.7279

■ 0.0000, 0.0000,
0.0000

■ 245.7420, 4.5642,

-17.3137

■ 59.2460, 40.3047,
-47.5737

■ 59.2460, 40.3047,
-47.5737

■ 55.9900, 41.9099,
-49.1032

■ 67.5410, 36.2153,
-42.5705

■ 76.4230, 31.8365,
-38.0820

■ 84.7180, 27.7470,
-33.0787

■ 93.0130, 23.6576,
-28.0754

■ 101.6070, 19.4207,
-22.4573

■ 110.4890, 15.0419,
-17.9689

■ 118.7840, 10.9525,
-12.9656

■ 127.0790, 6.8631,
-7.9623

■ 135.3740, 2.7736,
-2.9590

Harmonies

Analogous

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



63.3930, 37.2743, -55.5957



59.2460, 40.3047, -47.5737



73.9290, 24.6850, 15.8483

Triad

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



59.2460, 40.3047, -47.5737



67.8140, -21.1073, 50.1521



56.1820, -3.0477, -49.2716

Complementary

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



59.2460, 40.3047, -47.5737



86.7540, -40.3047, 47.5737

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.



59.7710, -23.0581, -24.3552



59.2460, 40.3047, -47.5737



68.0770, -33.5620, 31.5045

Square

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



59.2460, 40.3047, -47.5737



66.0490, -3.9682, 59.5930



66.1510, -32.6124, 6.8836



61.5740, 12.5350, -54.0004

Rectangle

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



59.2460, 40.3047, -47.5737



71.7810, 15.8840, 38.7801



66.1510, -32.6124, 6.8836



54.8140, -8.2893, -48.0719

Sweetspot

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



59.2460, 40.3047, -47.5737



151.4180, 16.0629, -18.7836



92.5840, -9.6549, -76.8112



72.4530, 9.6367, -10.9213



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



59.2460, 40.3047, -47.5737



73.2190, 54.6150, -64.2131



20.5040, 59.4045, -13.5970



67.1460, 1.9000, -2.7590



54.1320, 39.8679, -47.4738



3.2600, 2.3368, -2.8590

Inverse Universe

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



53.1880, 8.7813, 77.0111



65.1620, 11.7521, 104.2209



125.4960, -59.4045, 13.5970



66.5490, 0.7153, 3.9035



47.8890, 8.9287, 76.3963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 59.2460, 40.3047, -47.5737 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 59.2460, 40.3047, -47.5737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

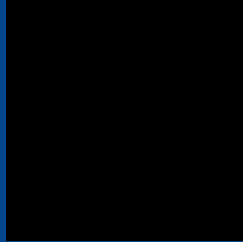
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2460, 40.3047, -47.5737

Background



This preview shows how black text looks on a background with the YUV color 59.2460, 40.3047, -47.5737.



This preview shows how white text looks on a background with the YUV color 59.2460, 40.3047, -47.5737.

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

59.2460, 40.3047, -47.5737

Protanopia

66.3190, 36.3247, -30.9748

Deuteranopia

58.0300, 34.4952, -50.8923



Tritanopia

56.6500, 13.9766, -49.6820

Trichromacy



Original Color

59.2460, 40.3047, -47.5737

Protanomaly

63.6280, 37.6514, -36.5078

Deuteranomaly

58.6110, 36.6738, -49.6478

Tritanomaly

57.7670, 23.2859, -48.9077

Monochromacy



Original Color

59.2460, 40.3047, -47.5737

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7880, 14.8945, -17.3541

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2460, 40.3047, -47.5737 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(5, 71, 141)` looks like.

```
.text, #text, p{  
    color:rgb(5, 71, 141)  
}
```

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(5, 71, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 71, 141) }
```

Border

The CSS property to change the border of an element to YUV 59.2460, 40.3047, -47.5737 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(5, 71, 141) }
```


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

```
.border{ border-color:rgb(5, 71, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 71, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 71, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 71, 141);  
box-shadow:4px 4px 4px 4px rgb(5, 71, 141)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.2460, 40.3047, -47.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 71, 141) }
```

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

```
.background{ background-color: rgb(5, 71,  
141) }
```

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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