

Converting Colors

YUV(58.7560, 26.7423,
-37.4970)

Have a look what the booklet for
YUV(58.7560, 26.7423, -37.4970)
contains.

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Color

**YUV(58.7560, 26.7423,
-37.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	104671
RGB	16, 70, 113
RGB Percent	6%, 27%, 44%
CMY	0.9373, 0.7255, 0.5569
CMYK	0.86, 0.38, 0.00, 0.56
HSL	207°, 75%, 25%
HSV	207°, 86%, 44%
XYZ	5.3845, 5.6827, 16.4359
YIQ	58.7560, -45.9870, 1.9250

Conversions

Conversions Part 2

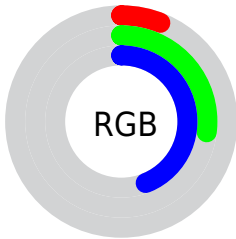
Format	Color
R_{YB}	16, 51, 113
Decimal	1066609
CIE _{Lab}	28.60, -0.20, -29.60
CIE _{LCh}	29, 29.598, 269.614
Yxy	5.6827, 0.1958, 0.2066
Android (android.graphics.Color)	4279256689 (0xFF104671)
YUV	58.7560, 26.7423, -37.4970
Hunter-Lab	23.8385, -1.3989, -24.1916

Details

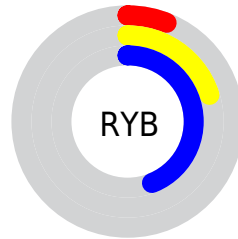
The YUV color **58.7560, 26.7423, -37.4970** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **70.2440, -26.7423, 37.4970**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0990, 26.5732, -29.9048**, and **23.2590, 20.5783, -20.3981** is the 20% darker color. If you saturate the color by 10%, you get **52.5320, 29.8107, -41.6856**, and if you desaturate by 10%, it is **64.9800, 23.6739, -33.3085**.

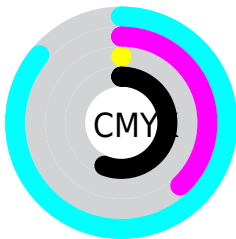
Distribution



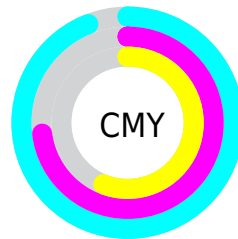
- Red (6%)
- Green (27%)
- Blue (44%)



- Red (6%)
- Yellow (20%)
- Blue (44%)



- Cyan (86%)
- Magenta (38%)
- Yellow (0%)
- Black (56%)



- Cyan (94%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.7560, 26.7423, -37.4970 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 58.7560, 26.7423, -37.4970 by changing the saturation by 10% instead.

■ 58.7560, 26.7423,
-37.4970

■ 58.7560, 26.7423,
-37.4970

■ 255.0000, 0.0000,
0.0000

■ 38.2080, 24.5475,
-33.5084

■ 111.0990, 26.5732,
-29.9048

■ 23.2590, 20.5783,
-20.3981

■ 137.2240, 27.0046,
-28.2604

■ 6.5490, 17.4773,
-5.7435

■ 164.3380, 27.4414,
-28.3604

■ 2.9810, 8.8834,
-2.6143

■ 191.5660, 28.3150,
-28.5604

■ 0.0000, 0.0000,
0.0000

■ 217.3570, 18.5580,
-25.7461

■ 242.7520, 6.0383,

-23.4615

252.0100, 1.4741,
-6.1478

58.7560, 26.7423,
-37.4970

58.7560, 26.7423,
-37.4970

52.5320, 29.8107,
-41.6856

64.9800, 23.6739,
-33.3085

49.8630, 31.1265,
-43.7299

71.5030, 20.4580,
-28.5051

77.7270, 17.3896,
-24.3166

83.9510, 14.3212,
-20.1280

90.4740, 11.1053,
-15.3247

■ 96.6980, 8.0369,
-11.1361

■ 102.9220, 4.9685,
-6.9476

■ 109.1460, 1.9000,
-2.7590

■ 115.6690, -1.3158,
2.0443

Harmonies

Analogous

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



56.6960, 24.3069, -49.7224



58.7560, 26.7423, -37.4970



68.9240, 18.7715, -0.8103

Triad

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



58.7560, 26.7423, -37.4970



66.8860, -10.2968, 36.0570



58.1740, -7.4808, -27.3396

Complementary

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



58.7560, 26.7423, -37.4970



70.2440, -26.7423, 37.4970

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.



62.8580, -18.1710, -5.1375



58.7560, 26.7423, -37.4970



66.5400, -19.0002, 27.5904

Square

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



58.7560, 26.7423, -37.4970



67.7470, 0.6177, 35.3019



64.8280, -22.5932, 13.3058



53.8970, 5.9668, -47.2677

Rectangle

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



58.7560, 26.7423, -37.4970



69.6550, 13.4811, 16.0886



64.8280, -22.5932, 13.3058



60.4910, -11.5811, -18.8476

Sweetspot

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



58.7560, 26.7423, -37.4970



126.3600, 10.6685, -15.2247



77.7270, -9.7254, -54.1346



61.2530, 6.2843, -8.9919



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



58.7560, 26.7423, -37.4970



65.0060, 40.9160, -57.0103



30.5800, 40.6331, -12.7867



53.0320, 1.4632, -2.6591



53.0090, 33.0266, -46.4889



109.1640, 67.9531, -95.7368

Inverse Universe

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



51.1590, 9.2886, 54.2346



53.6000, 14.0012, 82.7888



98.4200, -40.6331, 12.7867



52.2500, 0.8628, 3.2888



43.5180, 11.5766, 67.0747



89.5850, 23.8686, 138.0530

Previews

White Background



This preview shows how the YUV color 58.7560, 26.7423, -37.4970 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 58.7560, 26.7423, -37.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

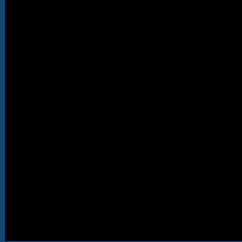
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7560, 26.7423, -37.4970

Background



This preview shows how black text looks on a background with the YUV color 58.7560, 26.7423, -37.4970.



This preview shows how white text looks on a background with the YUV color 58.7560, 26.7423, -37.4970.

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

58.7560, 26.7423, -37.4970

Protanopia

66.1180, 21.1408, -14.1355

Deuteranopia

63.5620, 24.3729, -24.1719



Tritanopia

53.1450, 13.2395, -46.6082

Trichromacy



Original Color

58.7560, 26.7423, -37.4970

Protanomaly

63.2310, 23.0571, -22.1276

Deuteranomaly

62.0560, 25.1154, -28.9901

Tritanomaly

55.1330, 18.1754, -43.0896

Monochromacy



Original Color

58.7560, 26.7423, -37.4970

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8440, 9.9369, -13.8952

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7560, 26.7423, -37.4970 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(16, 70, 113)` looks like.

```
.text, #text, p{  
    color:rgb(16, 70, 113)  
}
```

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(16, 70, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 70, 113) }
```

Border

The CSS property to change the border of an element to YUV 58.7560, 26.7423, -37.4970 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(16, 70, 113) }
```


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

```
.border{ border-color:rgb(16, 70, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 70, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 70, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 70, 113);  
box-shadow:4px 4px 4px 4px rgb(16, 70,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 58.7560, 26.7423, -37.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 70, 113) }
```

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

```
.background{ background-color: rgb(16, 70,  
113) }
```

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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