

Converting Colors

YUV(59.2030, 25.5359,
-23.8570)

Have a look what the booklet for
YUV(59.2030, 25.5359, -23.8570)
contains.

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Color

**YUV(59.2030, 25.5359,
-23.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	203F6F
RGB	32, 63, 111
RGB Percent	13%, 25%, 44%
CMY	0.8745, 0.7529, 0.5647
CMYK	0.71, 0.43, 0.00, 0.56
HSL	216°, 55%, 28%
HSV	216°, 71%, 44%
XYZ	5.2424, 5.0098, 15.7296
YIQ	59.2030, -33.8840, 8.3560

Conversions

Conversions Part 2

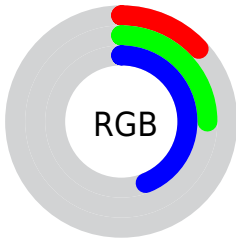
Format	Color
R _Y B	32, 54, 111
Decimal	2113391
CIE Lab	26.76, 6.01, -31.21
CIE LCh	27, 31.786, 280.891
Yxy	5.0098, 0.2018, 0.1928
Android (android.graphics.Color)	4280303471 (0xFF203F6F)
YUV	59.2030, 25.5359, -23.8570
Hunter-Lab	22.3826, 2.6386, -25.9990




Details

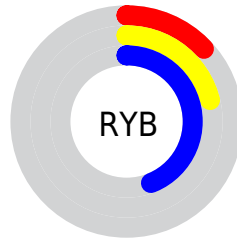
The YUV color **59.2030, 25.5359, -23.8570** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.7970, -25.5359, 23.8570**, and the grayscale version is **59.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **108.8660, 26.6881, -20.0535**, and **19.5090, 21.4411, -17.1094** is the 20% darker color. If you saturate the color by 10%, you get **51.8050, 29.1831, -27.0160**, and if you desaturate by 10%, it is **66.6010, 21.8887, -20.6981**.

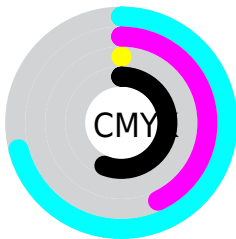
Distribution







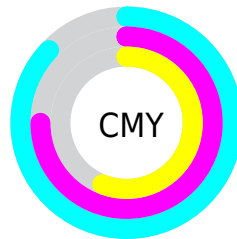
-  Red (13%)
-  Green (25%)
-  Blue (44%)






-  Red (13%)
-  Yellow (21%)
-  Blue (44%)



-  Cyan (71%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (87%)
-  Magenta (75%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2030, 25.5359, -23.8570 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 59.2030, 25.5359, -23.8570 by changing the saturation by 10% instead.

■ 59.2030, 25.5359,
-23.8570

■ 59.2030, 25.5359,
-23.8570

■ 255.0000, 0.0000,
0.0000

■ 33.8710, 25.6996,
-29.7049

■ 108.8660, 26.6881,
-20.0535

■ 19.5090, 21.4411,
-17.1094

■ 134.6920, 27.2668,
-19.0239

■ 6.3210, 16.6037,
-5.5435

■ 161.8060, 27.7036,
-19.1239

■ 2.6390, 7.5730,
-2.3144

■ 189.0340, 28.5772,
-19.3238

■ 0.0000, 0.0000,
0.0000

■ 214.1670, 20.1307,
-16.8095

■ 239.8610, 7.4635,

-13.9101

254.4020, 0.2948,
-1.2296

■ 59.2030, 25.5359,
-23.8570

■ 59.2030, 25.5359,
-23.8570

■ 51.8050, 29.1831,
-27.0160

■ 66.6010, 21.8887,
-20.6981

■ 44.9940, 32.5410,
-30.6897

■ 73.4120, 18.5309,
-17.0243

■ 38.4820, 35.7514,
-33.7487

■ 80.8100, 14.8837,
-13.8654

■ 88.2080, 11.2365,
-10.7064

■ 95.9050, 7.4418,
-6.9327

■ 102.7160, 4.0840,
-3.2589

■ 110.1140, 0.4368,
-0.1000

■ 117.5120, -3.2104,
3.0590

■ 124.9100, -6.8576,
6.2179

Harmonies

Analogous

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



53.5160, 27.3536, -46.9335



59.2030, 25.5359, -23.8570



65.2350, 17.1391, 9.4409

Triad

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



59.2030, 25.5359, -23.8570



62.1480, -14.3700, 35.8272



48.6820, -1.3222, -42.6941

Complementary

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



59.2030, 25.5359, -23.8570



83.7970, -25.5359, 23.8570

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.



56.6720, -16.1073, -13.7443



59.2030, 25.5359, -23.8570



61.1930, -22.7731, 24.3867

Square

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



59.2030, 25.5359, -23.8570



62.6290, -3.7611, 39.7904



59.7410, -24.0293, 7.2431



52.2330, 9.7451, -45.8083

Rectangle

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



59.2030, 25.5359, -23.8570



64.7270, 10.9806, 24.7954



59.7410, -24.0293, 7.2431



51.1840, -6.0067, -33.4874

Sweetspot

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



59.2030, 25.5359, -23.8570



125.4640, 9.6312, -9.1769



83.7310, -2.3324, -45.3681



61.8620, 5.9840, -6.0180



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.



59.2030, 25.5359, -23.8570



64.1980, 39.8354, -37.0076



43.3980, 33.3278, -2.9800



52.4450, 1.7526, -2.1443



41.2690, 38.8144, -36.1929



85.0970, 79.8182, -74.6301

Inverse Universe

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



59.1550, 1.8956, 45.4681



64.2490, 2.8352, 70.8186



99.6020, -33.3278, 2.9800



52.1360, 0.4260, 3.3887



41.2380, 2.8407, 69.0743



84.9110, 5.9599, 142.1521

Previews

White Background



This preview shows how the YUV color 59.2030, 25.5359, -23.8570 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 59.2030, 25.5359, -23.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

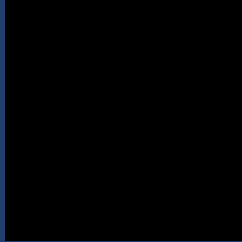
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2030, 25.5359, -23.8570

Background



This preview shows how black text looks on a background with the YUV color 59.2030, 25.5359, -23.8570.



This preview shows how white text looks on a background with the YUV color 59.2030, 25.5359,

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

59.2030, 25.5359, -23.8570

Protanopia

61.4920, 23.9144, -17.0945

Deuteranopia

57.0990, 26.5732, -29.9048



Tritanopia

49.7540, 12.9393, -43.6343

Trichromacy



Original Color

59.2030, 25.5359, -23.8570

Protanomaly

60.2960, 24.5041, -19.5536

Deuteranomaly

57.9960, 26.1310, -28.0605

Tritanomaly

53.0630, 17.7169, -36.0123

Monochromacy



Original Color

59.2030, 25.5359, -23.8570

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7630, 9.4838, -8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2030, 25.5359, -23.8570 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(32, 63, 111)` looks like.

```
.text, #text, p{  
    color:rgb(32, 63, 111)  
}
```

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(32, 63, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 63, 111) }
```

Border

The CSS property to change the border of an element to YUV 59.2030, 25.5359, -23.8570 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(32, 63, 111) }
```


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

```
.border{ border-color:rgb(32, 63, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 63, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 63, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 63, 111);  
box-shadow:4px 4px 4px 4px rgb(32, 63,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 59.2030, 25.5359, -23.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 63, 111) }
```

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

```
.background{ background-color: rgb(32, 63,  
111) }
```

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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