

Converting Colors

YUV(59.7470, 23.7887,
-23.4571)

Have a look what the booklet for
YUV(59.7470, 23.7887, -23.4571)
contains.

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Color

**YUV(59.7470, 23.7887,
-23.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	21406C
RGB	33, 64, 108
RGB Percent	13%, 25%, 42%
CMY	0.8706, 0.7490, 0.5765
CMYK	0.69, 0.41, 0.00, 0.58
HSL	215°, 53%, 28%
HSV	215°, 69%, 42%
XYZ	5.1674, 5.0728, 14.8942
YIQ	59.7470, -32.6000, 7.1120

Conversions

Conversions Part 2

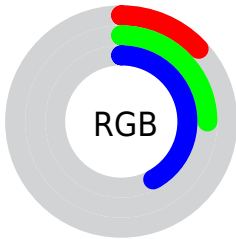
Format	Color
R_{YB}	33, 55, 108
Decimal	2179180
CIE _{Lab}	26.94, 4.32, -29.01
CIE _{LCh}	27, 29.334, 278.475
Yxy	5.0728, 0.2056, 0.2018
Android (android.graphics.Color)	4280369260 (0xFF21406C)
YUV	59.7470, 23.7887, -23.4571
Hunter-Lab	22.5230, 1.5375, -23.4417

Details

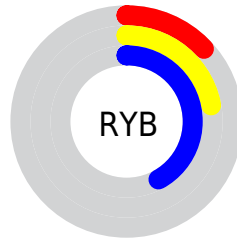
The YUV color **59.7470, 23.7887, -23.4571** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **81.2530, -23.7887, 23.4571**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1110, 25.0883, -20.2683**, and **19.7540, 19.8413, -17.3243** is the 20% darker color. If you saturate the color by 10%, you get **52.9360, 27.1466, -27.1309**, and if you desaturate by 10%, it is **66.5580, 20.4309, -19.7834**.

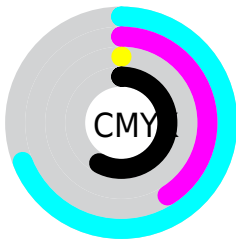
Distribution



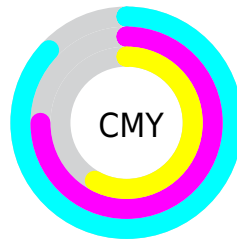
- Red (13%)
- Green (25%)
- Blue (42%)



- Red (13%)
- Yellow (22%)
- Blue (42%)



- Cyan (69%)
- Magenta (41%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7470, 23.7887, -23.4571 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 59.7470, 23.7887, -23.4571 by changing the saturation by 10% instead.

■ 59.7470, 23.7887,
-23.4571

■ 59.7470, 23.7887,
-23.4571

■ 255.0000, 0.0000,
0.0000

■ 34.1160, 24.0998,
-29.9197

■ 109.1110, 25.0883,
-20.2683

■ 19.7540, 19.8413,
-17.3243

■ 135.5240, 25.3777,
-19.7535

■ 6.0930, 15.7302,
-5.3436

■ 161.7520, 26.2513,
-19.9535

■ 2.2970, 6.2626,
-2.0145

■ 189.1650, 26.5407,
-19.4387

■ 0.0000, 0.0000,
0.0000

■ 215.3410, 19.5519,
-17.8391

■ 240.1490, 7.3215,

-15.0397

254.1030, 0.4422,
-1.8443

■ 59.7470, 23.7887,
-23.4571

■ 59.7470, 23.7887,
-23.4571

■ 52.9360, 27.1466,
-27.1309

■ 66.5580, 20.4309,
-19.7834

■ 45.5380, 30.7938,
-30.2898

■ 73.9560, 16.7837,
-16.6244

■ 39.0260, 34.0042,
-33.3488

■ 80.4680, 13.5733,
-13.5654

■ 38.7270, 34.1516,
-33.9636

■ 87.2790, 10.2155,
-9.8917

■ 94.6770, 6.5682,
-6.7327

■ 101.4880, 3.2104,
-3.0590

■ 108.2990, -0.1474,
0.6148

■ 115.3980, -3.6472,
3.1590

■ 122.2090, -7.0050,
6.8327

Harmonies

Analogous

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



53.0600, 25.6064, -46.5336



59.7470, 23.7887, -23.4571



65.3980, 16.5658, 6.6670

Triad

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



59.7470, 23.7887, -23.4571



62.8920, -12.7648, 34.2977



50.1770, -2.0593, -39.6202

Complementary

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



59.7470, 23.7887, -23.4571



81.2530, -23.7887, 23.4571

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.



57.9220, -15.2445, -10.4556



59.7470, 23.7887, -23.4571



62.4640, -20.4418, 23.2721

Square

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



59.7470, 23.7887, -23.4571



63.8350, -2.8767, 36.1017



60.9090, -22.1401, 7.9728



52.0050, 8.8715, -45.6084

Rectangle

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



59.7470, 23.7887, -23.4571



65.5910, 10.5546, 21.4067



60.9090, -22.1401, 7.9728



54.4730, -7.6282, -26.7248

Sweetspot

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



59.7470, 23.7887, -23.4571



121.3500, 9.1945, -9.0769



82.0410, -2.4852, -43.0090



60.0470, 5.3998, -5.3032



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.



59.7470, 23.7887, -23.4571



65.4000, 36.7778, -36.3078



43.3440, 31.8754, -3.8097



49.8580, 2.0420, -1.6295



41.5140, 37.2146, -36.4078



87.2170, 77.7870, -76.4893

Inverse Universe

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



58.9590, 2.4852, 43.0090



64.1560, 3.8671, 66.5152



97.6560, -31.8754, 3.8097



50.0220, -0.0108, 3.4887



40.4550, 3.7197, 67.1300



84.7690, 8.0019, 140.5226

Previews

White Background



This preview shows how the YUV color 59.7470, 23.7887, -23.4571 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 59.7470, 23.7887, -23.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

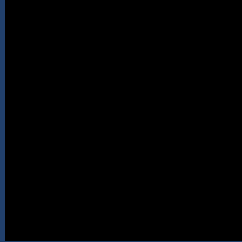
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7470, 23.7887, -23.4571

Background



This preview shows how black text looks on a background with the YUV color 59.7470, 23.7887, -23.4571.



This preview shows how white text looks on a background with the YUV color 59.7470, 23.7887, -23.4571.

-23.4571.

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

59.7470, 23.7887, -23.4571

Protanopia

61.9330, 21.7250, -14.8502

Deuteranopia

59.4480, 23.9361, -24.0719



Tritanopia

50.3410, 12.6499, -44.1491

Trichromacy



Original Color

59.7470, 23.7887, -23.4571

Protanomaly

61.4380, 22.4621, -17.9241

Deuteranomaly

59.4480, 23.9361, -24.0719

Tritanomaly

53.5360, 16.9908, -36.4271

Monochromacy



Original Color

59.7470, 23.7887, -23.4571

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.5350, 8.6102, -8.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7470, 23.7887, -23.4571 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(33, 64, 108)` looks like.

```
.text, #text, p{  
    color:rgb(33, 64, 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(33, 64, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 64, 108) }
```

Border

The CSS property to change the border of an element to YUV 59.7470, 23.7887, -23.4571 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(33, 64, 108) }
```


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

```
.border{ border-color:rgb(33, 64, 108) }
```

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

Here you see how a box with a 4 pixel rgb(33, 64, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 64, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 64, 108);  
box-shadow:4px 4px 4px 4px rgb(33, 64,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 59.7470, 23.7887, -23.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 64, 108) }
```

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

```
.background{ background-color: rgb(33, 64,  
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](#).

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