

Converting Colors

YUV(59.5310, 34.7412,
-36.4227)

Have a look what the booklet for
YUV(59.5310, 34.7412, -36.4227)
contains.

YUV(59.5310, 34.7412, -36.4227)	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(59.5310, 34.7412,
-36.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	124382
RGB	18, 67, 130
RGB Percent	7%, 26%, 51%
CMY	0.9294, 0.7373, 0.4902
CMYK	0.86, 0.48, 0.00, 0.49
HSL	214°, 76%, 29%
HSV	214°, 86%, 51%
XYZ	6.2859, 5.7546, 21.8985
YIQ	59.5310, -49.4270, 9.2050

Conversions

Conversions Part 2

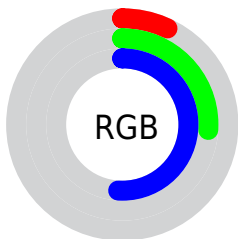
Format	Color
R_{YB}	18, 52, 130
Decimal	1196930
CIE Lab	28.78, 9.16, -39.96
CIE LCh	29, 41.000, 282.912
Yxy	5.7546, 0.1852, 0.1696
Android (android.graphics.Color)	4279387010 (0xFF124382)
YUV	59.5310, 34.7412, -36.4227
Hunter-Lab	23.9888, 4.7927, -37.3317

Details

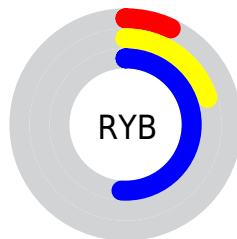
The YUV color **59.5310, 34.7412, -36.4227** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **88.4690, -34.7412, 36.4227**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.7110, 35.1455, -26.0565**, and **23.7950, 27.7091, -20.8682** is the 20% darker color. If you saturate the color by 10%, you get **51.5350, 38.6832, -40.8112**, and if you desaturate by 10%, it is **67.5270, 30.7992, -32.0342**.

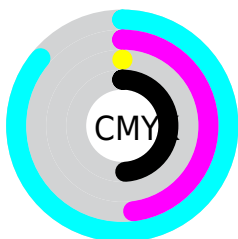
Distribution



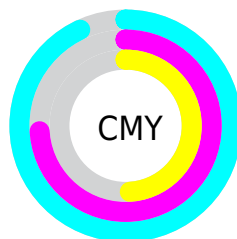
- Red (7%)
- Green (26%)
- Blue (51%)



- Red (7%)
- Yellow (20%)
- Blue (51%)



- Cyan (86%)
- Magenta (48%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (74%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5310, 34.7412, -36.4227 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 59.5310, 34.7412, -36.4227 by changing the saturation by 10% instead.

■ 59.5310, 34.7412,
-36.4227

■ 59.5310, 34.7412,
-36.4227

■ 255.0000, 0.0000,
0.0000

■ 38.2710, 32.4044,
-33.5637

■ 112.7110, 35.1455,
-26.0565

■ 23.7950, 27.7091,
-20.8682

■ 139.4230, 35.2875,
-24.9270

■ 7.6720, 24.3187,
-6.7283

■ 166.3630, 36.3030,
-23.9974

■ 5.0500, 14.2723,
-4.4289

■ 192.2940, 30.9141,
-22.1828

■ 0.9120, 3.4944,
-0.7998

■ 217.4010, 18.5363,
-18.7687

■ 0.0000, 0.0000,
0.0000

■ 242.5080, 6.1586,

-15.3545

254.7010, 0.1474,
-0.6148

■ 59.5310, 34.7412,
-36.4227

■ 59.5310, 34.7412,
-36.4227

■ 51.5350, 38.6832,
-40.8112

■ 67.5270, 30.7992,
-32.0342

■ 48.2790, 40.2885,
-42.3407

■ 76.1100, 26.5678,
-28.1605

■ 84.1060, 22.6257,
-23.7720

■ 92.1020, 18.6837,
-19.3835

■ 100.6850, 14.4523,
-15.5097

■ 108.6810, 10.5103,
-11.1212

■ 116.6770, 6.5682,
-6.7327

■ 125.2600, 2.3368,
-2.8590

■ 133.2560, -1.6052,
1.5295

Harmonies

Analogous

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



59.2040, 33.9164, -51.9219



59.5310, 34.7412, -36.4227



69.9350, 22.2170, 14.0890

Triad

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



59.5310, 34.7412, -36.4227



64.9490, -19.2019, 45.6487



53.0190, -2.4744, -46.4977

Complementary

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



59.5310, 34.7412, -36.4227



88.4690, -34.7412, 36.4227

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.



57.4770, -20.4482, -21.4663



59.5310, 34.7412, -36.4227



64.2230, -31.6619, 28.7454

Square

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



59.5310, 34.7412, -36.4227



64.0050, -3.9465, 52.6156



62.6070, -30.8653, 6.4837



57.3680, 11.6506, -50.3117

Rectangle

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



59.5310, 34.7412, -36.4227



68.5910, 14.0056, 34.5617



62.6070, -30.8653, 6.4837



51.1780, -6.9898, -44.8831

Sweetspot

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



59.5310, 34.7412, -36.4227



141.0550, 13.2839, -14.0802



90.8120, -5.3303, -63.8561



67.4210, 8.1734, -8.2622



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



59.5310, 34.7412, -36.4227



62.5900, 51.9671, -54.8914



32.5620, 48.0369, -7.5089



59.5590, 2.1894, -2.2442



47.4640, 39.7042, -41.6259



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.0740, 4.8935, 63.9561



58.6680, 7.5587, 95.8842



115.4380, -48.0369, 7.5089



59.4350, 0.2785, 4.0035



44.6560, 5.5926, 73.0927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 59.5310, 34.7412, -36.4227 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 59.5310, 34.7412, -36.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

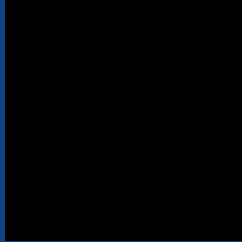
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.5310, 34.7412, -36.4227

Background



This preview shows how black text looks on a background with the YUV color 59.5310, 34.7412, -36.4227.



This preview shows how white text looks on a background with the YUV color 59.5310, 34.7412, -36.4227.

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

59.5310, 34.7412, -36.4227

Protanopia

63.3150, 32.3827, -26.5863

Deuteranopia

54.2970, 32.8846, -47.6185



Tritanopia

53.2590, 13.6763, -46.7081

Trichromacy



Original Color

59.5310, 34.7412, -36.4227

Protanomaly

61.8200, 33.1197, -29.6601

Deuteranomaly

56.1450, 33.4525, -43.1002

Tritanomaly

55.6430, 21.3750, -42.6599

Monochromacy



Original Color

59.5310, 34.7412, -36.4227

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1260, 12.2629, -13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5310, 34.7412, -36.4227 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(18, 67, 130)` looks like.

```
.text, #text, p{  
    color:rgb(18, 67, 130)  
}
```

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(18, 67, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 67, 130) }
```

Border

The CSS property to change the border of an element to YUV 59.5310, 34.7412, -36.4227 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(18, 67, 130) }
```


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

```
.border{ border-color:rgb(18, 67, 130) }
```

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

Here you see how a box with a 4 pixel rgb(18, 67, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 67, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 67, 130);  
box-shadow:4px 4px 4px 4px rgb(18, 67,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 59.5310, 34.7412, -36.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 67, 130) }
```

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

```
.background{ background-color: rgb(18, 67,  
130) }
```

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