

Converting Colors

YUV(59.2970, 36.3356,
-34.4635)

Have a look what the booklet for
YUV(59.2970, 36.3356, -34.4635)
contains.

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Color

**YUV(59.2970, 36.3356,
-34.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	144185
RGB	20, 65, 133
RGB Percent	8%, 25%, 52%
CMY	0.9216, 0.7451, 0.4784
CMYK	0.85, 0.51, 0.00, 0.48
HSL	216°, 74%, 30%
HSV	216°, 85%, 52%
XYZ	6.4124, 5.6228, 22.9376
YIQ	59.2970, -48.6480, 11.6080

Conversions

Conversions Part 2

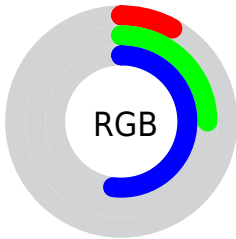
Format	Color
R_{YB}	20, 52, 133
Decimal	1327493
CIE _{Lab}	28.44, 11.99, -42.38
CIE _{LCh}	28, 44.047, 285.802
Yxy	5.6228, 0.1834, 0.1608
Android (android.graphics.Color)	4279517573 (0xFF144185)
YUV	59.2970, 36.3356, -34.4635
Hunter-Lab	23.7124, 6.7742, -40.7542

Details

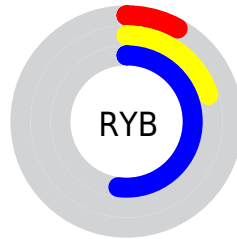
The YUV color **59.2970, 36.3356, -34.4635** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **93.7030, -36.3356, 34.4635**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4770, 36.7398, -24.0973**, and **23.5500, 29.3088, -20.6533** is the 20% darker color. If you saturate the color by 10%, you get **50.7140, 40.5670, -38.3372**, and if you desaturate by 10%, it is **67.8800, 32.1042, -30.5898**.

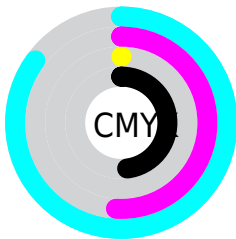
Distribution



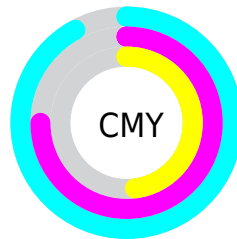
- Red (8%)
- Green (25%)
- Blue (52%)



- Red (8%)
- Yellow (20%)
- Blue (52%)



- Cyan (85%)
- Magenta (51%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2970, 36.3356, -34.4635 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 59.2970, 36.3356, -34.4635 by changing the saturation by 10% instead.

■ 59.2970, 36.3356,
-34.4635

■ 59.2970, 36.3356,
-34.4635

■ 255.0000, 0.0000,
0.0000

■ 37.4390, 34.2936,
-32.8340

■ 112.4770, 36.7398,
-24.0973

■ 23.5500, 29.3088,
-20.6533

■ 138.7160, 37.6080,
-22.5529

■ 7.9000, 25.1923,
-6.9283

■ 166.1290, 37.8974,
-22.0381

■ 5.2780, 15.1459,
-4.6288

■ 191.7180, 31.1980,
-19.9237

■ 1.4820, 5.6784,
-1.2997

■ 216.2380, 19.1097,
-15.9947

■ 0.0000, 0.0000,
0.0000

■ 241.9320, 6.4425,

-13.0954

■ 59.2970, 36.3356,
-34.4635

■ 59.2970, 36.3356,
-34.4635

■ 50.7140, 40.5670,
-38.3372

■ 67.8800, 32.1042,
-30.5898

■ 46.2730, 42.7564,
-40.5814

■ 76.7620, 27.7253,
-26.1013

■ 85.3450, 23.4939,
-22.2276

■ 93.9280, 19.2625,
-18.3539

■ 102.8100, 14.8837,
-13.8654

■ 111.3930, 10.6523,
-9.9917

■ 119.9760, 6.4208,
-6.1180

■ 128.5590, 2.1894,
-2.2442

■ 137.4410, -2.1894,
2.2442

Harmonies

Analogous

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



59.7740, 36.1004, -52.4218



59.2970, 36.3356, -34.4635



68.7830, 22.7850, 18.6073

Triad

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



59.2970, 36.3356, -34.4635



62.9770, -21.6807, 47.3782



53.1330, -2.0376, -46.5976

Complementary

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



59.2970, 36.3356, -34.4635



93.7030, -36.3356, 34.4635

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.



53.8460, -20.1371, -27.9289



59.2970, 36.3356, -34.4635



63.6250, -31.3671, 27.5159

Square

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



59.2970, 36.3356, -34.4635



61.3970, -5.1257, 57.5338



61.4110, -30.2756, 4.0246



57.8240, 13.3978, -50.7116

Rectangle

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



59.2970, 36.3356, -34.4635



66.1510, 14.7156, 40.2096



61.4110, -30.2756, 4.0246



51.1780, -6.9898, -44.8831

Sweetspot

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



59.2970, 36.3356, -34.4635



144.8810, 13.8627, -13.0506



94.0830, -2.9989, -64.9708



69.8340, 8.4628, -7.7474



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



59.2970, 36.3356, -34.4635



60.2250, 55.5981, -52.8173



36.1710, 47.7367, -4.5350



61.8580, 2.0420, -1.6295



45.3440, 41.7354, -39.7667



0.9290, 1.0210, -0.8147

Inverse Universe

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



58.9170, 2.9989, 64.9708



59.5930, 4.6377, 99.4579



116.8290, -47.7367, 4.5350



62.0220, -0.0108, 3.4887



44.7980, 3.5506, 74.7222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 59.2970, 36.3356, -34.4635 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 59.2970, 36.3356, -34.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

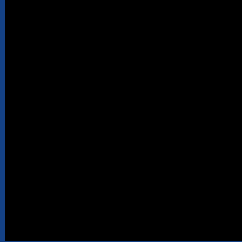
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2970, 36.3356, -34.4635

Background



This preview shows how black text looks on a background with the YUV color 59.2970, 36.3356, -34.4635.



This preview shows how white text looks on a background with the YUV color 59.2970, 36.3356,

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

59.2970, 36.3356, -34.4635

Protanopia

60.1940, 35.8934, -32.6191

Deuteranopia

54.0690, 32.0110, -47.4185



Tritanopia

53.1450, 13.2395, -46.6082

Trichromacy



Original Color

59.2970, 36.3356, -34.4635

Protanomaly

59.8950, 36.0408, -33.2339

Deuteranomaly

56.1450, 33.4525, -43.1002

Tritanomaly

55.0560, 21.6644, -42.1451

Monochromacy



Original Color

59.2970, 36.3356, -34.4635

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.0660, 13.2785, -12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2970, 36.3356, -34.4635 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(20, 65, 133)` looks like.

```
.text, #text, p{  
    color:rgb(20, 65, 133)  
}
```

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(20, 65, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 65, 133) }
```

Border

The CSS property to change the border of an element to YUV 59.2970, 36.3356, -34.4635 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(20, 65, 133) }
```


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

```
.border{ border-color:rgb(20, 65, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 65, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 65, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 65, 133);  
box-shadow:4px 4px 4px 4px rgb(20, 65,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 59.2970, 36.3356, -34.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 65, 133) }
```

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

```
.background{ background-color: rgb(20, 65,  
133) }
```

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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