

Converting Colors

YUV(58.2970, 36.3356,
-34.4635)

Have a look what the booklet for
YUV(58.2970, 36.3356, -34.4635)
contains.

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Color

**YUV(58.2970, 36.3356,
-34.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	134084
RGB	19, 64, 132
RGB Percent	7%, 25%, 52%
CMY	0.9255, 0.7490, 0.4824
CMYK	0.86, 0.52, 0.00, 0.48
HSL	216°, 75%, 30%
HSV	216°, 86%, 52%
XYZ	6.2668, 5.4712, 22.5555
YIQ	58.2970, -48.6480, 11.6080

Conversions

Conversions Part 2

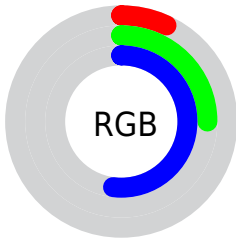
Format	Color
R_{YB}	19, 51, 132
Decimal	1261700
CIE _{Lab}	28.04, 12.18, -42.41
CIE _{LCh}	28, 44.127, 286.022
Yxy	5.4712, 0.1827, 0.1595
Android (android.graphics.Color)	4279451780 (0xFF134084)
YUV	58.2970, 36.3356, -34.4635
Hunter-Lab	23.3906, 6.8904, -40.8000

Details

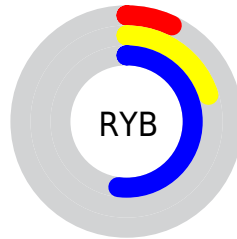
The YUV color **58.2970, 36.3356, -34.4635** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **92.7030, -36.3356, 34.4635**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4770, 36.7398, -24.0973**, and **22.8490, 29.1614, -20.0386** is the 20% darker color. If you saturate the color by 10%, you get **49.7140, 40.5670, -38.3372**, and if you desaturate by 10%, it is **66.8800, 32.1042, -30.5898**.

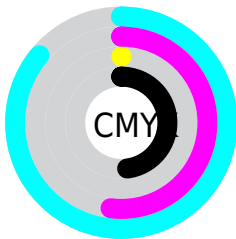
Distribution



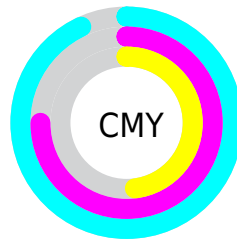
- Red (7%)
- Green (25%)
- Blue (52%)



- Red (7%)
- Yellow (20%)
- Blue (52%)



- Cyan (86%)
- Magenta (52%)
- Yellow (0%)
- Black (48%)



- Cyan (93%)
- Magenta (75%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.2970, 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 58.2970, 36.3356, -34.4635 by changing the saturation by 10% instead.

■ 58.2970, 36.3356,
-34.4635

■ 58.2970, 36.3356,
-34.4635

■ 255.0000, 0.0000,
0.0000

■ 37.3250, 33.8568,
-32.7340

■ 111.4770, 36.7398,
-24.0973

■ 22.8490, 29.1614,
-20.0386

■ 137.7160, 37.6080,
-22.5529

■ 8.3730, 24.4661,
-7.3431

■ 164.5420, 38.1868,
-21.5233

■ 5.2780, 15.1459,
-4.6288

■ 190.2450, 31.9242,
-19.5089

■ 1.2540, 4.8048,
-1.0998

■ 215.3520, 19.5465,
-16.0947

■ 0.0000, 0.0000,
0.0000

■ 241.0460, 6.8793,

-13.1953

■ 58.2970, 36.3356,
-34.4635

■ 58.2970, 36.3356,
-34.4635

■ 49.7140, 40.5670,
-38.3372

■ 66.8800, 32.1042,
-30.5898

■ 46.1590, 42.3196,
-40.4814

■ 75.4630, 27.8727,
-26.7161

■ 84.3450, 23.4939,
-22.2276

■ 92.9280, 19.2625,
-18.3539

■ 101.5110, 15.0311,
-14.4801

■ 110.0940, 10.7997,
-10.6064

■ 118.6770, 6.5682,
-6.7327

■ 127.5590, 2.1894,
-2.2442

■ 135.5550, -1.7526,
2.1443

Harmonies

Analogous

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



59.0730, 35.9530, -51.8070



58.2970, 36.3356, -34.4635



68.0820, 22.6376, 19.2221

Triad

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



58.2970, 36.3356, -34.4635



61.8630, -22.1175, 47.4781



52.5460, -1.7482, -46.0828

Complementary

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



58.2970, 36.3356, -34.4635



92.7030, -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.



52.6610, -19.5529, -28.6437



58.2970, 36.3356, -34.4635



62.7390, -30.9303, 27.4159

Square

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



58.2970, 36.3356, -34.4635



59.8100, -4.8363, 58.0486



60.2260, -29.6914, 3.3098



57.1230, 13.2504, -50.0969

Rectangle

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



58.2970, 36.3356, -34.4635



65.0370, 14.2788, 40.3096



60.2260, -29.6914, 3.3098



50.5910, -6.7004, -44.3683

Sweetspot

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



58.2970, 36.3356, -34.4635



141.6960, 14.4469, -13.7654



93.0830, -2.9989, -64.9708



69.5350, 8.6102, -8.3622



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.



58.2970, 36.3356, -34.4635



59.4100, 55.0139, -52.1026



35.1710, 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.



57.9170, 2.9989, 64.9708



58.8810, 4.4957, 98.3284



115.8290, -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 58.2970, 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 58.2970, 36.3356, -34.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

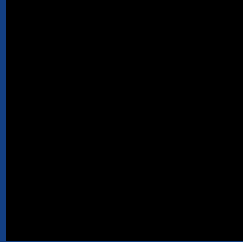
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.2970, 36.3356, -34.4635

Background



This preview shows how black text looks on a background with the YUV color 58.2970, 36.3356, -34.4635.



This preview shows how white text looks on a background with the YUV color 58.2970, 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

58.2970, 36.3356, -34.4635

Protanopia

58.8950, 36.0408, -33.2339

Deuteranopia

53.3680, 31.8636, -46.8037



Tritanopia

52.3300, 12.6553, -45.8934

Trichromacy



Original Color

58.2970, 36.3356, -34.4635

Protanomaly

58.5960, 36.1882, -33.8487

Deuteranomaly

55.4440, 33.3051, -42.4854

Tritanomaly

54.3550, 21.5170, -41.5303

Monochromacy



Original Color

58.2970, 36.3356, -34.4635

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0660, 13.2785, -12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.2970, 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(19, 64, 132)` looks like.

```
.text, #text, p{  
    color:rgb(19, 64, 132)  
}
```

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(19, 64, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 64, 132) }
```

Border

The CSS property to change the border of an element to YUV 58.2970, 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(19, 64, 132) }
```


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

```
.border{ border-color:rgb(19, 64, 132) }
```

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

Here you see how a box with a 4 pixel rgb(19, 64, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 64, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 64, 132);  
box-shadow:4px 4px 4px 4px rgb(19, 64,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 58.2970, 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(19, 64, 132) }
```

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

```
.background{ background-color: rgb(19, 64,  
132) }
```

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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