

Converting Colors

YUV(47.3480, 28.9154,
-34.5082)

Have a look what the booklet for
YUV(47.3480, 28.9154, -34.5082)
contains.

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Color

**YUV(47.3480, 28.9154,
-34.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	08386A
RGB	8, 56, 106
RGB Percent	3%, 22%, 42%
CMY	0.9686, 0.7804, 0.5843
CMYK	0.92, 0.47, 0.00, 0.58
HSL	211°, 86%, 22%
HSV	211°, 92%, 42%
XYZ	4.1158, 3.9206, 14.1755
YIQ	47.3480, -44.6580, 5.3740

Conversions

Conversions Part 2

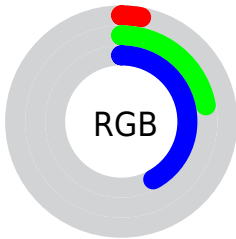
Format	Color
R_{YB}	8, 40, 106
Decimal	538730
CIE _{Lab}	23.41, 5.72, -33.42
CIE _{LCh}	23, 33.908, 279.716
Yxy	3.9206, 0.1853, 0.1765
Android (android.graphics.Color)	4278728810 (0xFF08386A)
YUV	47.3480, 28.9154, -34.5082
Hunter-Lab	19.8004, 2.4532, -28.5864

Details

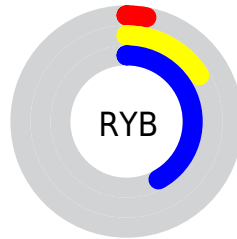
The YUV color **47.3480, 28.9154, -34.5082** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **66.6520, -28.9154, 34.5082**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.4140, 28.8829, -24.0421**, and **14.2430, 21.5722, -12.4911** is the 20% darker color. If you saturate the color by 10%, you get **42.6080, 31.2523, -37.3672**, and if you desaturate by 10%, it is **53.5720, 25.8470, -30.3196**.

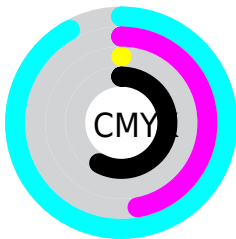
Distribution



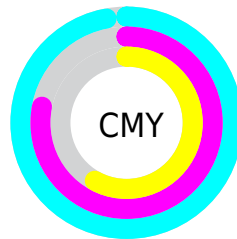
- Red (3%)
- Green (22%)
- Blue (42%)



- Red (3%)
- Yellow (16%)
- Blue (42%)



- Cyan (92%)
- Magenta (47%)
- Yellow (0%)
- Black (58%)



- Cyan (97%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.3480, 28.9154, -34.5082 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 47.3480, 28.9154, -34.5082 by changing the saturation by 10% instead.

■ 47.3480, 28.9154,
-34.5082

■ 47.3480, 28.9154,
-34.5082

■ 255.0000, 0.0000,
0.0000

■ 29.7790, 25.2520,
-26.1162

■ 99.4140, 28.8829,
-24.0421

■ 14.2430, 21.5722,
-12.4911

■ 125.2400, 29.4617,
-23.0125

■ 5.2780, 15.1459,
-4.6288

■ 151.7670, 30.1879,
-22.5977

■ 1.3680, 5.2416,
-1.1997

■ 179.1800, 30.4773,
-22.0829

■ 0.0000, 0.0000,
0.0000

■ 204.9970, 24.6515,
-20.1684

■ 229.8050, 12.4211,

-17.3690

250.2160, 2.3585,
-9.8364

47.3480, 28.9154,
-34.5082

47.3480, 28.9154,
-34.5082

42.6080, 31.2523,
-37.3672

53.5720, 25.8470,
-30.3196

60.0840, 22.6366,
-27.2607

66.3080, 19.5682,
-23.0721

72.8200, 16.3577,
-20.0131

79.0440, 13.2893,
-15.8246

■ 85.2680, 10.2209,
-11.6360

■ 91.7800, 7.0105,
-8.5771

■ 98.0040, 3.9420,
-4.3885

■ 104.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



48.7230, 26.7586, -42.7301



47.3480, 28.9154, -34.5082



57.2780, 18.5969, 8.5262

Triad

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



47.3480, 28.9154, -34.5082



53.5720, -14.0860, 38.0864



42.9600, -2.9383, -37.6759

Complementary

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



47.3480, 28.9154, -34.5082



66.6520, -28.9154, 34.5082

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.



48.3300, -17.4177, -13.4444



47.3480, 28.9154, -34.5082



53.0360, -24.6677, 25.4014

Square

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



47.3480, 28.9154, -34.5082



53.3950, -2.1667, 41.7496



51.6980, -25.4871, 8.1579



47.2120, 8.2765, -41.4049

Rectangle

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



47.3480, 28.9154, -34.5082



56.7810, 12.4330, 25.6251



51.6980, -25.4871, 8.1579



42.0480, -6.4327, -36.8761

Sweetspot

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



47.3480, 28.9154, -34.5082



114.5990, 11.5367, -13.6803



71.1120, -6.9572, -55.3492



54.7800, 7.0105, -8.5771



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



47.3480, 28.9154, -34.5082



55.0610, 40.8889, -48.2885



19.1720, 42.8062, -9.7978



50.4450, 1.7526, -2.1443



46.7970, 34.6101, -41.0410



98.3700, 72.2886, -86.2705

Inverse Universe

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



42.7740, 6.5204, 55.4492



48.9000, 8.9233, 78.1407



94.8280, -42.8062, 9.7978



50.1360, 0.4260, 3.3887



41.4810, 7.6509, 66.2302



86.9350, 16.3010, 138.6230

Previews

White Background



This preview shows how the YUV color 47.3480, 28.9154, -34.5082 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 47.3480, 28.9154, -34.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

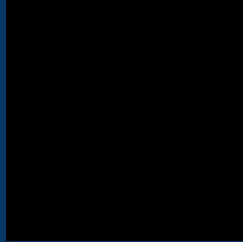
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.3480, 28.9154, -34.5082

Background



This preview shows how black text looks on a background with the YUV color 47.3480, 28.9154, -34.5082.



This preview shows how white text looks on a background with the YUV color 47.3480, 28.9154,

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

47.3480, 28.9154, -34.5082

Protanopia

52.5240, 25.3777, -19.7535

Deuteranopia

44.8590, 27.1845, -39.3413



Tritanopia

44.0320, 11.3232, -38.6161

Trichromacy



Original Color

47.3480, 28.9154, -34.5082

Protanomaly

50.8330, 26.7043, -25.2865

Deuteranomaly

45.9840, 27.6159, -37.6970

Tritanomaly

45.3510, 17.5750, -37.1418

Monochromacy



Original Color

47.3480, 28.9154, -34.5082

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9690, 10.3683, -12.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.3480, 28.9154, -34.5082 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(8, 56, 106)` looks like.

```
.text, #text, p{  
    color:rgb(8, 56, 106)  
}
```

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(8, 56, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 56, 106) }
```

Border

The CSS property to change the border of an element to YUV 47.3480, 28.9154, -34.5082 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(8, 56, 106) }
```


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

```
.border{ border-color:rgb(8, 56, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 56, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 56, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 56, 106);  
box-shadow:4px 4px 4px 4px rgb(8, 56, 106)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.3480, 28.9154, -34.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 56, 106) }
```

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

```
.background{ background-color: rgb(8, 56,  
106) }
```

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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