

Converting Colors

YUV(55.5080, 36.2316,
-47.8035)

Have a look what the booklet for
YUV(55.5080, 36.2316, -47.8035)
contains.

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Color

**YUV(55.5080, 36.2316,
-47.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	014581
RGB	1, 69, 129
RGB Percent	0%, 27%, 51%
CMY	0.9961, 0.7294, 0.4941
CMYK	0.99, 0.47, 0.00, 0.49
HSL	208°, 98%, 25%
HSV	208°, 99%, 51%
XYZ	6.1031, 5.8477, 21.5759
YIQ	55.5080, -59.7880, 4.2440

Conversions

Conversions Part 2

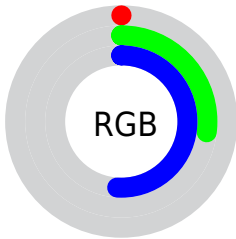
Format	Color
RYB	1, 45, 129
Decimal	83329
CIELab	29.02, 6.15, -38.97
CIELCh	29, 39.453, 278.964
Yxy	5.8477, 0.1820, 0.1744
Android (android.graphics.Color)	4278273409 (0xFF014581)
YUV	55.5080, 36.2316, -47.8035
Hunter-Lab	24.1820, 2.7317, -35.9731

Details

The YUV color **55.5080, 36.2316, -47.8035** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **74.4920, -36.2316, 47.8035**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4500, 34.2882, -31.0897**, and **24.8550, 26.6935, -21.7978** is the 20% darker color. If you saturate the color by 10%, you get **55.2090, 36.3790, -48.4183**, and if you desaturate by 10%, it is **62.9170, 32.5789, -42.9002**.

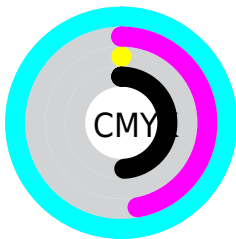
Distribution



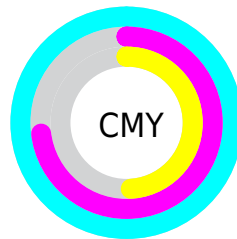
- Red (0%)
- Green (27%)
- Blue (51%)



- Red (0%)
- Yellow (18%)
- Blue (51%)



- Cyan (99%)
- Magenta (47%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (73%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.5080, 36.2316, -47.8035 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 55.5080, 36.2316, -47.8035 by changing the saturation by 10% instead.

■ 55.5080, 36.2316,
-47.8035

■ 55.5080, 36.2316,
-47.8035

■ 255.0000, 0.0000,
0.0000

■ 39.4450, 31.8256,
-34.5933

■ 112.4500, 34.2882,
-31.0897

■ 24.8550, 26.6935,
-21.7978

■ 138.6890, 35.1563,
-29.5453

■ 8.7320, 23.3031,
-7.6580

■ 165.6290, 36.1719,
-28.6156

■ 4.9360, 13.8356,
-4.3289

■ 192.5600, 30.7829,
-26.8011

■ 0.7980, 3.0576,
-0.6998

■ 216.7810, 18.8420,
-23.4869

■ 0.0000, 0.0000,
0.0000

■ 242.4750, 6.1748,

-20.5876

253.2060, 0.8844,
-3.6887

55.5080, 36.2316,
-47.8035

55.5080, 36.2316,
-47.8035

55.2090, 36.3790,
-48.4183

62.9170, 32.5789,
-42.9002

70.3260, 28.9263,
-37.9969

77.7350, 25.2736,
-33.0936

85.1440, 21.6210,
-28.1903

92.5530, 17.9684,
-23.2870

■ 99.6630, 14.4631,
-18.9985

■ 107.0720, 10.8105,
-14.0951

■ 114.4810, 7.1579,
-9.1918

■ 121.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



60.0360, 32.0273, -52.6516



55.5080, 36.2316, -47.8035



70.3150, 22.5227, 9.3707

Triad

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



55.5080, 36.2316, -47.8035



65.9320, -16.7285, 45.6636



52.6770, -3.7848, -46.1977

Complementary

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



55.5080, 36.2316, -47.8035



74.4920, -36.2316, 47.8035

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.



59.2820, -21.3380, -16.0333



55.5080, 36.2316, -47.8035



65.1030, -29.6308, 30.6047

Square

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



55.5080, 36.2316, -47.8035



65.4500, -2.1938, 50.4714



63.5150, -31.3129, 10.0723



57.4990, 9.6140, -50.4266

Rectangle

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



55.5080, 36.2316, -47.8035



69.4980, 15.0375, 30.2583



63.5150, -31.3129, 10.0723



50.9500, -7.8633, -44.6831

Sweetspot

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



55.5080, 36.2316, -47.8035



139.5490, 14.0263, -18.8985



82.9760, -10.8342, -71.8930



66.8120, 8.4737, -11.2361



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.



55.5080, 36.2316, -47.8035



71.3950, 47.6263, -62.6134



17.9400, 54.7526, -14.8564



60.1460, 1.9000, -2.7590



54.5080, 36.2316, -47.8035



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.0240, 10.8342, 71.8930



60.3780, 14.1106, 94.3845



112.0600, -54.7526, 14.8564



59.5490, 0.7153, 3.9035



46.0240, 10.8342, 71.8930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 55.5080, 36.2316, -47.8035 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 55.5080, 36.2316, -47.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

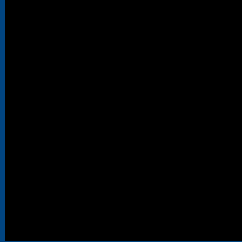
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.5080, 36.2316, -47.8035

Background



This preview shows how black text looks on a background with the YUV color 55.5080, 36.2316, -47.8035.



This preview shows how white text looks on a background with the YUV color 55.5080, 36.2316, -47.8035.

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

55.5080, 36.2316, -47.8035

Protanopia

65.1690, 30.4827, -23.8272

Deuteranopia

55.1120, 33.4688, -48.3332



Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Original Color

55.5080, 36.2316, -47.8035

Protanomaly

61.9830, 32.5464, -32.4341

Deuteranomaly

55.3400, 34.3424, -48.5332

Tritanomaly

54.1370, 22.1175, -47.4781

Monochromacy



Original Color

55.5080, 36.2316, -47.8035

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0330, 13.2947, -17.5689

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.5080, 36.2316, -47.8035 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(1, 69, 129)` looks like.

```
.text, #text, p{  
    color:rgb(1, 69, 129)  
}
```

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(1, 69, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 69, 129) }
```

Border

The CSS property to change the border of an element to YUV 55.5080, 36.2316, -47.8035 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(1, 69, 129) }
```


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

```
.border{ border-color:rgb(1, 69, 129) }
```

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

Here you see how a box with a 4 pixel rgb(1, 69, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 69, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 69, 129);  
box-shadow:4px 4px 4px 4px rgb(1, 69, 129)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.5080, 36.2316, -47.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 69, 129) }
```

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

```
.background{ background-color: rgb(1, 69,  
129) }
```

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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