Converting Colors

YUV(54.3740, 46.6506, 17.2120)

Have a look what the booklet for YUV(54.3740, 46.6506, 17.2120) contains.

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Color

YUV(54.3740, 46.6506, 17.2120)

Conversions

Conversions Part 1

Format	Color
Hex	4A1A95
RGB	74, 26, 149
RGB Percent	29%, 10%, 58%
CMY	0.7098, 0.8980, 0.4157
CMYK	0.50, 0.83, 0.00, 0.42
HSL	263°, 70%, 34%
HSV	263°, 83%, 58%
XYZ	8.6182, 4.3646, 28.8220
YIQ	54.3740, -10.8750, 48.4290

Conversions

Conversions Part 2

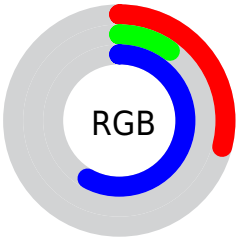
Format	Color
RYB	74, 26, 149
Decimal	4856469
CIELab	24.84, 48.59, -58.00
CIELCh	25, 75.660, 309.953
Yxy	4.3646, 0.2062, 0.1044
Android (android.graphics.Color)	4283046549 (0xFF4A1A95)
YUV	54.3740, 46.6506, 17.2120
Hunter-Lab	20.8915, 37.0753, -67.1725

Details

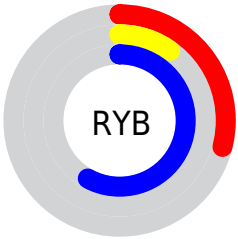
The YUV color 54.3740, 46.6506, 17.2120 is a dark color, and the websafe version is hex 660099. A complement of this color would be 120.6260, -46.6506, -17.2120, and the grayscale version is 54.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 107.3250, 47.6608, 19.8860, and 11.9550, 41.9272, -7.8535 is the 20% darker color. If you saturate the color by 10%, you get 42.8780, 52.3181, 19.4010, and if you desaturate by 10%, it is 65.8700, 40.9831, 15.0230.

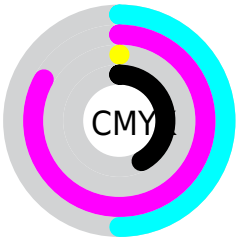
Distribution



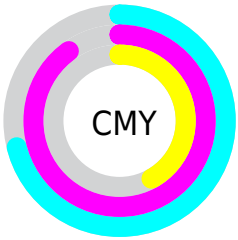
- Red (29%)
- Green (10%)
- Blue (58%)



- Red (29%)
- Yellow (10%)
- Blue (58%)



- Cyan (50%)
- Magenta (83%)
- Yellow (0%)
- Black (42%)



- Cyan (71%)
- Magenta (90%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3740, 46.6506, 17.2120 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 54.3740, 46.6506, 17.2120 by changing the saturation by 10% instead.

54.3740, 46.6506, 17.2120

54.3740, 46.6506, 17.2120

255.0000, 0.0000, 0.0000

27.1780, 47.2402, 14.7529

107.3250, 47.6608, 19.8860

11.9550, 41.9272, -7.8535

133.9770, 48.8183, 21.9452

8.2080, 31.4495, -7.1984

160.4180, 46.6289, 24.1894

7.9340, 20.2455, -6.9581

184.9380, 34.5406, 28.1184

3.6650, 11.5042, -3.2142

210.0450, 22.1628, 31.5325

0.0000, 0.0000, 0.0000

229.1720, 12.7332,

22.6512

245.6080, 4.6303, 8.2368

54.3740, 46.6506, 17.2120

42.8780, 52.3181, 19.4010

34.3280, 56.5333, 20.7603

54.3740, 46.6506, 17.2120

65.8700, 40.9831, 15.0230

77.3660, 35.3156, 12.8340

88.8620, 29.6480, 10.6450

100.3580, 23.9805, 8.4560

111.8540, 18.3130, 6.2670

123.0620, 12.7874, 5.2076

134.5580, 7.1199, 3.0186

146.0540, 1.4524, 0.8296

157.5500, -4.2151, -1.3593

Harmonies

Analogous

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

57.0450, 58.6448, -50.0285

54.3740, 46.6506, 17.2120

51.7650, 23.7799, 72.9971

Triad

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

54.3740, 46.6506, 17.2120

54.2770, -26.7586, 42.7301

55.2650, 11.2084, -48.4674

Complementary

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

54.3740, 46.6506, 17.2120

120.6260, -46.6506, -17.2120

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.

46.7950, -16.1679, -41.0392

54.3740, 46.6506, 17.2120

53.7250, -26.4864, 1.9952

Square

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

54.3740, 46.6506, 17.2120

40.9630, -20.1948, 84.2244

42.8510, -21.1255, -37.5803

62.1220, 34.9429, -54.4810

Rectangle

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

54.3740, 46.6506, 17.2120

51.6190, 5.1178, 85.4031

42.8510, -21.1255, -37.5803

52.3980, 2.7618, -45.9530

Sweetspot

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

54.3740, 46.6506, 17.2120

156.2670, 18.6024, 6.7818

84.6340, 31.7324, -51.4220

74.5950, 11.0457, 3.8632

224.0000, 0.0000, 0.0000

97.0000, 0.0000, 0.0000

Same Dimension

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

54.3740, 46.6506, 17.2120

46.3130, 72.8097, 26.9125

72.6130, 37.6588, 54.7134

68.3960, 2.7628, 0.5297

31.8780, 52.3181, 19.4010

2.3360, 3.7784, 1.4593

Inverse Universe

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

71.3270, 14.6288, 68.1192

72.7460, 22.8032, 106.3398

102.3870, -37.6588, -54.7134

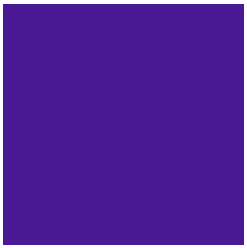
69.5490, 0.7153, 3.9035

50.8380, 16.3489, 76.4411

3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 54.3740, 46.6506, 17.2120 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

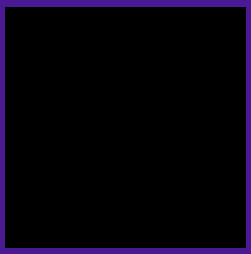
Black Background

Color Contrast Check

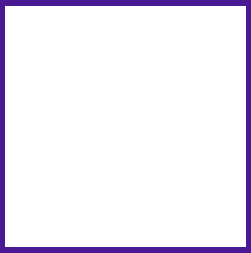
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 54.3740, 46.6506, 17.2120 Background



This preview shows how black text looks on a background with the YUV color 54.3740, 46.6506, 17.2120.



This preview shows how white text looks on a background with the YUV color 54.3740, 46.6506,

17.2120.

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
54.3740, 46.6506, 17.2120

Protanopia
47.9540, 36.5047, -42.0557

Deuteranopia
48.2500, 27.4847, -42.3152

Tritanopia
58.9820, 3.9529, -7.8772

Trichromacy

Original Color
54.3740, 46.6506, 17.2120

Protanomaly
50.1230, 40.3654, -20.2789

Deuteranomaly
50.5160, 34.2556, -20.6235

Tritanomaly
57.4620, 19.4922, 1.3488

Monochromacy

Original Color
54.3740, 46.6506, 17.2120

Achromatopsia
54.0000, 0.0000, 0.0000

Achromatomaly
54.2130, 17.1500, 5.9522

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3740, 46.6506, 17.2120 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(74, 26, 149) looks like.

```
.text, #text, p{
    color:rgb(74, 26, 149)
}
```

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(74, 26, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 26, 149) }
```

Border

The CSS property to change the border of an element to YUV 54.3740, 46.6506, 17.2120 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(74, 26, 149) }
```

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

```
.border{ border-color:rgb(74, 26, 149) }
```

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

Here you see how a box with a 4 pixel rgb(74, 26, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 26, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 26, 149); box-shadow:4px 4px 4px 4px rgb(74, 26, 149) }
```

Background

The CSS property to change the background color of an element to YUV 54.3740, 46.6506, 17.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(74, 26, 149) }
```

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

```
.background{ background-color:rgb(74, 26,
149) }
```

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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