

Converting Colors

YUV(146.2480, -36.6043,
-19.5115)

Have a look what the booklet for
YUV(146.2480, -36.6043, -19.5115)
contains.

YUV(146.2480, -36.6043, -19.5115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.2480, -36.6043,
-19.5115)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAC48
RGB	124, 172, 72
RGB Percent	49%, 67%, 28%
CMY	0.5137, 0.3255, 0.7176
CMYK	0.28, 0.00, 0.58, 0.33
HSL	89°, 41%, 48%
HSV	89°, 58%, 67%
XYZ	24.2344, 34.2580, 11.4661
YIQ	146.2480, 3.4920, -41.2760

Conversions

Conversions Part 2

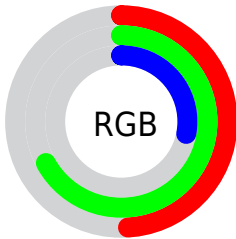
Format	Color
RYB	72, 172, 120
Decimal	8170568
CIELab	65.17, -32.80, 45.50
CIELCh	65, 56.089, 125.790
Yxy	34.2580, 0.3464, 0.4897
Android (android.graphics.Color)	4286360648 (0xFF7CAC48)
YUV	146.2480, -36.6043, -19.5115
Hunter-Lab	58.5303, -28.5204, 29.3564

Details

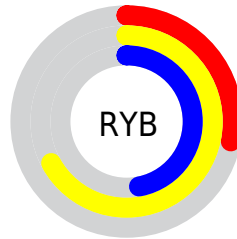
The YUV color **146.2480, -36.6043, -19.5115** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **97.7520, 36.6043, 19.5115**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4930, -38.2040, -19.7264**, and **93.2480, -36.6043, -19.5115** is the 20% darker color. If you saturate the color by 10%, you get **141.9180, -42.8506, -22.7301**, and if you desaturate by 10%, it is **150.5780, -30.3580, -16.2929**.

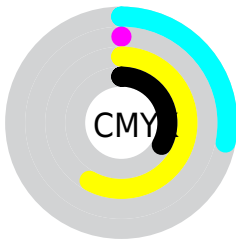
Distribution



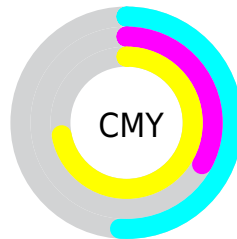
- Red (49%)
- Green (67%)
- Blue (28%)



- Red (28%)
- Yellow (67%)
- Blue (47%)



- Cyan (28%)
- Magenta (0%)
- Yellow (58%)
- Black (33%)



- Cyan (51%)
- Magenta (33%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2480, -36.6043, -19.5115 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 146.2480, -36.6043, -19.5115 by changing the saturation by 10% instead.

■ 146.2480,
-36.6043, -19.5115

■ 146.2480,
-36.6043, -19.5115

■ 255.0000, 0.0000,
0.0000

■ 119.3620,
-36.1675, -19.6115

■ 201.4930,
-38.2040, -19.7264

■ 93.2480, -36.6043,
-19.5115

■ 228.7920,
-38.3515, -19.1116

■ 68.6330, -33.8361,
-20.7261

■ 240.5410,
-30.8327, -3.9825

■ 46.4720, -22.9107,
-24.9699

■ 249.4140,
-21.4031, 4.8989

■ 27.5890, -13.6014,
-24.1956

■ 252.7200, -8.7360,
1.9996

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 146.2480,
-36.6043, -19.5115

■ 146.2480,
-36.6043, -19.5115

■ 141.9180,
-42.8506, -22.7301

■ 150.5780,
-30.3580, -16.2929

■ 137.2890,
-48.9495, -26.5635

■ 155.2070,
-24.2591, -12.4595

■ 132.8450,
-55.6326, -29.6821

■ 159.6510,
-17.5759, -9.3409

■ 128.5150,
-61.8789, -32.9007

■ 163.9810,
-11.3296, -6.1223

■ 127.5750,
-62.8945, -33.8303

■ 168.3110, -5.0833,
-2.9037

■ 172.9400, 1.0156,
0.9296

■ 177.2700, 7.2619,
4.1482

■ 181.7140, 13.9450,
7.2668

■ 186.0440, 20.1913,
10.4854

Harmonies

Analogous

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



152.0700, -49.8275, 21.8636



146.2480, -36.6043, -19.5115



130.7300, -7.7549, -79.5702

Triad

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



146.2480, -36.6043, -19.5115



130.5240, 58.4087, -114.4695



158.1810, -4.0332, 80.5253

Complementary

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



146.2480, -36.6043, -19.5115



97.7520, 36.6043, 19.5115

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.



161.7000, 18.8819, 57.2681



146.2480, -36.6043, -19.5115



145.7140, 53.8780, -61.1392

Square

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



146.2480, -36.6043, -19.5115



130.8710, 41.9686, -114.7739



162.1530, 38.3786, 10.3898



156.4970, -26.8670, 77.6171

Rectangle

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



146.2480, -36.6043, -19.5115



123.8200, 12.4137, -108.5901



162.1530, 38.3786, 10.3898



159.2110, 3.8400, 75.2370

Sweetspot

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



146.2480, -36.6043, -19.5115



214.2860, -13.9450, -7.2668



129.4890, -28.3421, 37.2821



106.2030, -7.9881, -4.5630



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.2480, -36.6043, -19.5115



183.6770, -57.5218, -30.4117



131.5970, -29.3813, -49.6356



84.7780, -3.3416, -1.5593



111.3720, -54.9064, -29.2672



17.0890, -8.4249, -4.4631

Inverse Universe

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



97.7520, 36.6043, 19.5115



107.6220, 57.3744, 31.0265



112.4030, 29.3813, 49.6356



80.2220, 3.3416, 1.5593



38.6280, 54.9064, 29.2672



5.9110, 8.4249, 4.4631

Previews

White Background



This preview shows how the YUV color 146.2480, -36.6043, -19.5115 looks on a white 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

Black Background



This preview shows how the YUV color 146.2480, -36.6043, -19.5115 looks on a black 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

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

YUV 146.2480, -36.6043, -19.5115 Background



This preview shows how black text looks on a background with the YUV color 146.2480, -36.6043, -19.5115.



This preview shows how white text looks on a background with the YUV color 146.2480, -36.6043, -19.5115.

-19.5115.

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

146.2480, -36.6043, -19.5115

Protanopia

152.8230, -41.8177, 19.4492

Deuteranopia

154.9480, -37.9354, 34.2486



Tritanopia

155.6050, 9.0687, -15.4396

Trichromacy



Original Color

146.2480, -36.6043, -19.5115

Protanomaly

150.1910, -40.0272, 5.0945

Deuteranomaly

151.9410, -37.4389, 14.9607

Tritanomaly

152.2400, -7.5133, -16.8735

Monochromacy



Original Color

146.2480, -36.6043, -19.5115

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8130, -13.2188, -6.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2480, -36.6043, -19.5115 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(124, 172, 72)` looks like.

```
.text, #text, p{  
    color:rgb(124, 172, 72)  
}
```

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(124, 172, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 172, 72) }
```

Border

The CSS property to change the border of an element to YUV 146.2480, -36.6043, -19.5115 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(124, 172, 72) }
```


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

```
.border{ border-color:rgb(124, 172, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 172, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 172, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 172, 72);  
box-shadow:4px 4px 4px 4px rgb(124, 172,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 146.2480, -36.6043, -19.5115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 172, 72) }
```

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

```
.background{ background-color: rgb(124,  
172, 72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor