

Converting Colors

YUV(117.3120, -3.6048,
-57.2786)

Have a look what the booklet for
YUV(117.3120, -3.6048, -57.2786)
contains.

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Color

**YUV(117.3120, -3.6048,
-57.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	34986E
RGB	52, 152, 110
RGB Percent	20%, 60%, 43%
CMY	0.7961, 0.4039, 0.5686
CMYK	0.66, 0.00, 0.28, 0.40
HSL	155°, 49%, 40%
HSV	155°, 66%, 60%
XYZ	15.4589, 24.3123, 18.6298
YIQ	117.3120, -46.1180, -34.2620

Conversions

Conversions Part 2

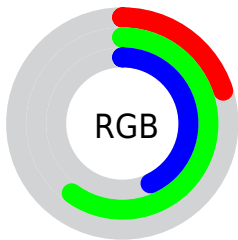
Format	Color
RYB	52, 115, 152
Decimal	3446894
CIELab	56.40, -39.14, 13.79
CIElCh	56, 41.496, 160.584
Yxy	24.3123, 0.2647, 0.4163
Android (android.graphics.Color)	4281636974 (0xFF34986E)
YUV	117.3120, -3.6048, -57.2786
Hunter-Lab	49.3075, -30.3249, 12.1138

Details

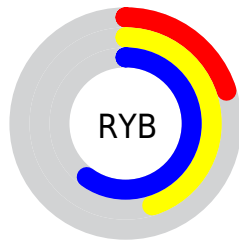
The YUV color **117.3120, -3.6048, -57.2786** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **86.6880, 3.6048, 57.2786**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8670, -5.3574, -55.1344**, and **65.7680, -1.8576, -57.6785** is the 20% darker color. If you saturate the color by 10%, you get **112.1430, -4.0145, -65.9004**, and if you desaturate by 10%, it is **122.4810, -3.1951, -48.6568**.

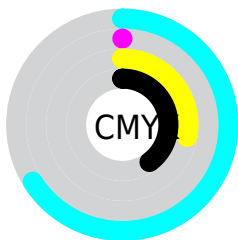
Distribution



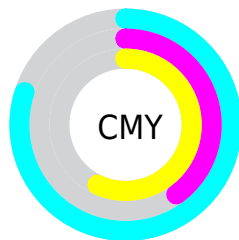
- Red (20%)
- Green (60%)
- Blue (43%)



- Red (20%)
- Yellow (45%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3120, -3.6048, -57.2786 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 117.3120, -3.6048, -57.2786 by changing the saturation by 10% instead.

■ 117.3120, -3.6048,
-57.2786

■ 117.3120, -3.6048,
-57.2786

255.0000, 0.0000,
0.0000

■ 87.6530, -0.8149,
-65.4707

■ 172.8670, -5.3574,
-55.1344

■ 65.7680, -1.8576,
-57.6785

■ 201.3400, -6.0836,
-55.5492

■ 48.5850, -4.2324,
-42.6090

■ 224.0570, -3.4791,
-50.9160

■ 32.6900, -6.7492,
-28.6691

■ 235.9200, 4.4764,
-35.8868

■ 17.6100, -8.6817,
-15.4440

■ 245.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 117.3120, -3.6048,
-57.2786

■ 117.3120, -3.6048,
-57.2786

■ 112.1430, -4.0145,
-65.9004

■ 122.4810, -3.1951,
-48.6568

■ 106.8600, -4.8610,
-74.4222

■ 127.7640, -2.3487,
-40.1350

■ 101.3920, -5.1233,
-83.6588

■ 133.2320, -2.0864,
-30.8985

■ 99.2560, -5.5492,
-87.0475

■ 138.5150, -1.2399,
-22.3767

■ 143.6840, -0.8302,
-13.7549

■ 148.8530, -0.4205,
-5.1331

■ 154.1360, 0.4260,
3.3887

■ 159.6040, 0.6882,
12.6253

■ 164.7730, 1.0979,
21.2471

Harmonies

Analogous

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



126.5760, -23.9480, -18.9222



117.3120, -3.6048, -57.2786



107.1560, 19.6431, -93.9758

Triad

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



117.3120, -3.6048, -57.2786



132.0310, 36.4667, -29.8452



135.2060, -22.2866, 55.0703

Complementary

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



117.3120, -3.6048, -57.2786



86.6880, 3.6048, 57.2786

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.



136.4680, -6.1467, 58.3486



117.3120, -3.6048, -57.2786



139.0320, 25.1272, 14.0039

Square

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



117.3120, -3.6048, -57.2786



108.8440, 46.4189, -95.4562



139.0330, 10.3367, 44.6981



133.6370, -32.8520, 37.1524

Rectangle

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



117.3120, -3.6048, -57.2786



109.3050, 30.4156, -95.8605



139.0330, 10.3367, 44.6981



135.4820, -17.4926, 57.4593

Sweetspot

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



117.3120, -3.6048, -57.2786



182.5150, -1.2399, -22.3767



123.5570, -35.2776, -25.0445



90.9830, -0.9776, -13.1401



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



117.3120, -3.6048, -57.2786



142.2450, -5.5438, -88.7919



117.9910, 16.7664, -57.8741



74.1520, -0.5679, -4.5183



91.4140, -5.1341, -80.1701



8.4290, -0.7045, -7.3922

Inverse Universe

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



86.6880, 3.6048, 57.2786



94.7550, 5.5438, 88.7919



86.0090, -16.7664, 57.8741



71.7340, 0.1311, 4.6183



48.5860, 5.1341, 80.1701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 117.3120, -3.6048, -57.2786 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 117.3120, -3.6048, -57.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

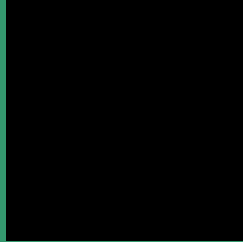
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.3120, -3.6048, -57.2786

Background



This preview shows how black text looks on a background with the YUV color 117.3120, -3.6048, -57.2786.



This preview shows how white text looks on a background with the YUV color 117.3120, -3.6048,

-57.2786.

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

117.3120, -3.6048, -57.2786

Protanopia

133.3420, -15.4516, 9.3471

Deuteranopia

134.8790, -9.8003, 16.7691



Tritanopia

124.6440, 16.4445, -47.9228

Trichromacy



Original Color

117.3120, -3.6048, -57.2786

Protanomaly

127.9260, -11.3025, -14.8441

Deuteranomaly

128.2840, -7.5350, -9.8961

Tritanomaly

121.7870, 9.4720, -51.5562

Monochromacy



Original Color

117.3120, -3.6048, -57.2786

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1130, -1.5347, -21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3120, -3.6048, -57.2786 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(52, 152, 110)` looks like.

```
.text, #text, p{  
    color:rgb(52, 152, 110)  
}
```

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(52, 152, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 152, 110) }
```

Border

The CSS property to change the border of an element to YUV 117.3120, -3.6048, -57.2786 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(52, 152, 110) }
```


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

```
.border{ border-color:rgb(52, 152, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 152, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 152, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 152, 110);  
box-shadow:4px 4px 4px 4px rgb(52, 152,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 117.3120, -3.6048, -57.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 152, 110) }
```

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

```
.background{ background-color: rgb(52, 152,  
110) }
```

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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