

Converting Colors

YUV(95.1060, -17.8003,
-30.7880)

Have a look what the booklet for
YUV(95.1060, -17.8003, -30.7880)
contains.

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Color

**YUV(95.1060, -17.8003,
-30.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	3C783B
RGB	60, 120, 59
RGB Percent	24%, 47%, 23%
CMY	0.7647, 0.5294, 0.7686
CMYK	0.50, 0.00, 0.51, 0.53
HSL	119°, 34%, 35%
HSV	119°, 51%, 47%
XYZ	9.3694, 14.7094, 6.4830
YIQ	95.1060, -16.1790, -31.6910

Conversions

Conversions Part 2

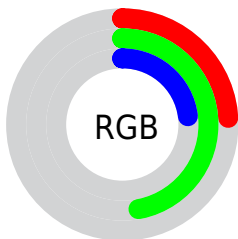
Format	Color
RYB	59, 120, 119
Decimal	3962939
CIELab	45.23, -32.96, 27.48
CIElCh	45, 42.915, 140.187
Yxy	14.7094, 0.3066, 0.4813
Android (android.graphics.Color)	4282153019 (0xFF3C783B)
YUV	95.1060, -17.8003, -30.7880
Hunter-Lab	38.3528, -23.5109, 16.8247

Details

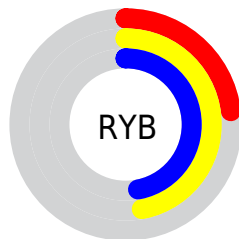
The YUV color **95.1060, -17.8003, -30.7880** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **83.8940, 17.8003, 30.7880**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3510, -19.4000, -31.0028**, and **43.1590, -14.8684, -37.8504** is the 20% darker color. If you saturate the color by 10%, you get **90.1500, -21.2730, -36.9656**, and if you desaturate by 10%, it is **100.0620, -14.3276, -24.6104**.

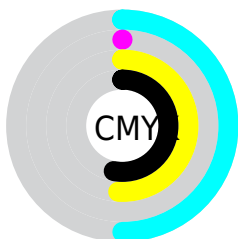
Distribution



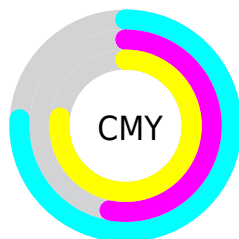
- Red (24%)
- Green (47%)
- Blue (23%)



- Red (23%)
- Yellow (47%)
- Blue (47%)



- Cyan (50%)
- Magenta (0%)
- Yellow (51%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1060, -17.8003, -30.7880 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 95.1060, -17.8003, -30.7880 by changing the saturation by 10% instead.

■ 95.1060, -17.8003,
-30.7880

■ 95.1060, -17.8003,
-30.7880

■ 255.0000, 0.0000,
0.0000

■ 70.0350, -16.7793,
-31.6027

■ 147.3510,
-19.4000, -31.0028

■ 43.1590, -14.8684,
-37.8504

■ 173.8240,
-20.1262, -31.4176

■ 27.5890, -13.6014,
-24.1956

■ 202.2970,
-20.8524, -31.8325

■ 15.8490, -7.8136,
-13.8996

■ 229.0090,
-20.7104, -30.7029

■ 0.0000, 0.0000,
0.0000

■ 240.5730,
-12.6075, -16.2885

■ 252.4360, -4.6519,

-1.2594

■ 95.1060, -17.8003,
-30.7880

■ 95.1060, -17.8003,
-30.7880

■ 90.1500, -21.2730,
-36.9656

■ 100.0620,
-14.3276, -24.6104

■ 85.1940, -24.7456,
-43.1431

■ 105.0180,
-10.8549, -18.4328

■ 80.5370, -28.3657,
-48.7059

■ 109.6750, -7.2348,
-12.8700

■ 75.5810, -31.8384,
-54.8835

■ 114.6310, -3.7621,
-6.6924

■ 71.0380, -35.0217,
-60.5463

■ 119.5870, -0.2894,
-0.5148

■ 124.5430, 3.1833,
5.6628

■ 129.4990, 6.6560,
11.8404

■ 134.1560, 10.2761,
17.4032

■ 139.1120, 13.7488,
23.5808

Harmonies

Analogous

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



101.1180, -32.5962, 1.6505



95.1060, -17.8003, -30.7880



83.5040, 5.1745, -73.2330

Triad

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



95.1060, -17.8003, -30.7880



87.0960, 44.3227, -76.3832



105.9150, -10.8041, 58.8335

Complementary

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



95.1060, -17.8003, -30.7880



83.8940, 17.8003, 30.7880

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.



107.9260, 5.9525, 50.9309



95.1060, -17.8003, -30.7880



106.0220, 33.5132, -15.8053

Square

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



95.1060, -17.8003, -30.7880



89.9680, 35.0188, -78.9019



110.0720, 21.1635, 25.3699



105.2500, -25.7592, 48.8927

Rectangle

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



95.1060, -17.8003, -30.7880



86.9410, 15.8051, -76.2473



110.0720, 21.1635, 25.3699



106.6960, -5.2731, 58.1486

Sweetspot

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



95.1060, -17.8003, -30.7880



146.3870, -7.0928, -11.7404



112.4590, -26.3553, 6.6135



73.2180, -4.0515, -7.2072



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.1060, -17.8003, -30.7880



117.0640, -27.6396, -48.2911



98.1130, -4.9857, -34.3021



58.5220, -1.7363, -3.0888



73.9730, -36.4687, -63.1203



149.1200, -73.5162, -127.2702

Inverse Universe

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



83.8940, 17.8003, 30.7880



99.6370, 27.7870, 47.6764



80.8870, 4.9857, 34.3021



57.4780, 1.7363, 3.0888



51.0270, 36.4687, 63.1203



102.8800, 73.5162, 127.2702

Previews

White Background



This preview shows how the YUV color 95.1060, -17.8003, -30.7880 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 × Fail

Black Background



This preview shows how the YUV color 95.1060, -17.8003, -30.7880 looks on a black 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

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

YUV 95.1060, -17.8003, -30.7880

Background



This preview shows how black text looks on a background with the YUV color 95.1060, -17.8003, -30.7880.



This preview shows how white text looks on a background with the YUV color 95.1060, -17.8003,

-30.7880.

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

95.1060, -17.8003, -30.7880

Protanopia

104.2470, -24.7718, 12.0614

Deuteranopia

105.7410, -20.5783, 20.3981



Tritanopia

102.0660, 9.8275, -25.4909

Trichromacy



Original Color

95.1060, -17.8003, -30.7880

Protanomaly

101.1310, -22.2496, -3.6229

Deuteranomaly

102.1470, -19.7925, 1.6251

Tritanomaly

99.7100, -0.3500, -27.8097

Monochromacy



Original Color

95.1060, -17.8003, -30.7880

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9140, -6.3666, -11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1060, -17.8003, -30.7880 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(60, 120, 59)` looks like.

```
.text, #text, p{  
    color:rgb(60, 120, 59)  
}
```

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(60, 120, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 120, 59) }
```

Border

The CSS property to change the border of an element to YUV 95.1060, -17.8003, -30.7880 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(60, 120, 59) }
```


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

```
.border{ border-color:rgb(60, 120, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 120, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 120, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 120, 59);  
box-shadow:4px 4px 4px 4px rgb(60, 120,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 95.1060, -17.8003, -30.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 120, 59) }
```

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

```
.background{ background-color: rgb(60, 120,  
59) }
```

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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