

Converting Colors

YUV(113.1020, -4.9803,
-36.0465)

Have a look what the booklet for
YUV(113.1020, -4.9803, -36.0465)
contains.

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Color

**YUV(113.1020, -4.9803,
-36.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	488867
RGB	72, 136, 103
RGB Percent	28%, 53%, 40%
CMY	0.7176, 0.4667, 0.5961
CMYK	0.47, 0.00, 0.24, 0.47
HSL	149°, 31%, 41%
HSV	149°, 47%, 53%
XYZ	13.9248, 19.9653, 15.9517
YIQ	113.1020, -27.5510, -23.8310

Conversions

Conversions Part 2

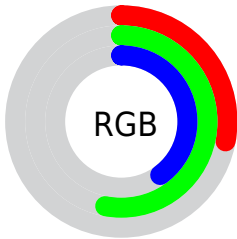
Format	Color
RYB	72, 115, 136
Decimal	4753511
CIELab	51.80, -28.65, 11.46
CIElCh	52, 30.855, 158.198
Yxy	19.9653, 0.2794, 0.4006
Android (android.graphics.Color)	4282943591 (0xFF488867)
YUV	113.1020, -4.9803, -36.0465
Hunter-Lab	44.6826, -22.5669, 10.1112

Details

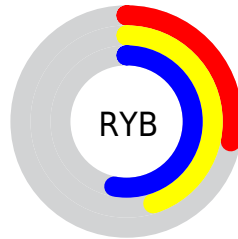
The YUV color **113.1020, -4.9803, -36.0465** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94.8980, 4.9803, 36.0465**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1620, -5.9959, -36.9761**, and **61.9490, -2.9329, -39.4203** is the 20% darker color. If you saturate the color by 10%, you get **108.1180, -5.9742, -43.9535**, and if you desaturate by 10%, it is **118.0860, -3.9864, -28.1394**.

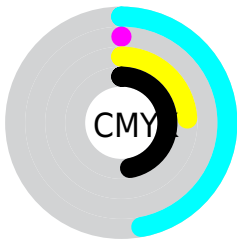
Distribution



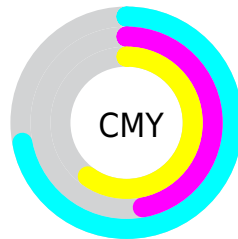
- Red (28%)
- Green (53%)
- Blue (40%)



- Red (28%)
- Yellow (45%)
- Blue (53%)



- Cyan (47%)
- Magenta (0%)
- Yellow (24%)
- Black (47%)



- Cyan (72%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1020, -4.9803, -36.0465 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 113.1020, -4.9803, -36.0465 by changing the saturation by 10% instead.

■ 113.1020, -4.9803,
-36.0465

■ 113.1020, -4.9803,
-36.0465

■ 255.0000, 0.0000,
0.0000

■ 87.3300, -4.1067,
-36.2464

■ 166.1620, -5.9959,
-36.9761

■ 61.9490, -2.9329,
-39.4203

■ 193.7490, -6.2853,
-37.4909

■ 40.2700, -3.0911,
-35.3168

■ 221.7490, -6.2853,
-37.4909

■ 24.9620, -5.8973,
-21.8917

■ 238.5960, -0.7868,
-27.7097

■ 7.0440, -3.4727,
-6.1776

■ 249.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 113.1020, -4.9803,
-36.0465

■ 113.1020, -4.9803,
-36.0465

■ 108.1180, -5.9742,
-43.9535

■ 118.0860, -3.9864,
-28.1394

■ 103.4330, -7.1155,
-51.2457

■ 122.7710, -2.8451,
-20.8472

■ 98.4490, -8.1094,
-59.1528

■ 127.7550, -1.8512,
-12.9401

■ 93.7640, -9.2507,
-66.4450

■ 132.4400, -0.7099,
-5.6479

■ 88.7800, -10.2445,
-74.3521

■ 137.4240, 0.2840,
2.2592

■ 87.3560, -10.5285,
-76.6112

■ 142.4080, 1.2779,
10.1662

■ 147.0930, 2.4192,
17.4584

■ 152.0770, 3.4130,

25.3655

■ 156.7620, 4.5543,
32.6577

Harmonies

Analogous

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



118.1130, -18.2967, -11.5001



113.1020, -4.9803, -36.0465



105.0950, 12.2782, -64.9813

Triad

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



113.1020, -4.9803, -36.0465



121.7410, 26.2567, -21.6979



124.7250, -16.1334, 41.4602

Complementary

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



113.1020, -4.9803, -36.0465



94.8980, 4.9803, 36.0465

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.



125.8250, -4.3507, 42.2495



113.1020, -4.9803, -36.0465



126.3920, 19.0337, 8.4262

Square

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



113.1020, -4.9803, -36.0465



111.4440, 29.8541, -55.6404



127.0760, 8.3435, 30.6283



122.9980, -23.6630, 29.8198

Rectangle

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



113.1020, -4.9803, -36.0465



97.2910, 24.9995, -85.3242



127.0760, 8.3435, 30.6283



125.0610, -12.3551, 42.9195

Sweetspot

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



113.1020, -4.9803, -36.0465



167.0430, -1.9932, -14.0697



119.4350, -23.3855, -12.6595



83.6030, -1.2833, -8.4218



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



113.1020, -4.9803, -36.0465



140.5850, -7.6834, -55.7640



116.7500, 8.9973, -39.2457



66.4510, -0.7153, -3.9035



85.3670, -10.5339, -74.8669



3.1630, -0.5734, -2.7740

Inverse Universe

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



94.8980, 4.9803, 36.0465



112.4150, 7.6834, 55.7640



91.2500, -8.9972, 39.2458



64.5490, 0.7153, 3.9035



47.5190, 10.0971, 74.9668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 113.1020, -4.9803, -36.0465 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 113.1020, -4.9803, -36.0465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

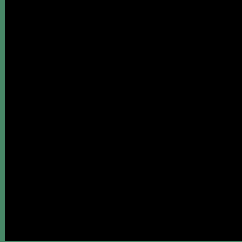
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.1020, -4.9803, -36.0465

Background



This preview shows how black text looks on a background with the YUV color 113.1020, -4.9803, -36.0465.



This preview shows how white text looks on a background with the YUV color 113.1020, -4.9803,

-36.0465.

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

113.1020, -4.9803, -36.0465

Protanopia

122.4280, -12.5360, 7.5176

Deuteranopia

123.3240, -8.0477, 14.6249



Tritanopia

117.4890, 11.5909, -31.1239

Trichromacy



Original Color

113.1020, -4.9803, -36.0465

Protanomaly

119.3120, -10.0138, -8.1666

Deuteranomaly

119.8440, -6.8251, -4.2482

Tritanomaly

115.8710, 5.4866, -33.2129

Monochromacy



Original Color

113.1020, -4.9803, -36.0465

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7550, -1.8512, -12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1020, -4.9803, -36.0465 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(72, 136, 103)` looks like.

```
.text, #text, p{  
    color:rgb(72, 136, 103)  
}
```

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(72, 136, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 136, 103) }
```

Border

The CSS property to change the border of an element to YUV 113.1020, -4.9803, -36.0465 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(72, 136, 103) }
```


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

```
.border{ border-color:rgb(72, 136, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 136, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 136, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 136, 103);  
box-shadow:4px 4px 4px 4px rgb(72, 136,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 113.1020, -4.9803, -36.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 136, 103) }
```

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

```
.background{ background-color: rgb(72, 136,  
103) }
```

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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