

Converting Colors

YUV(107.7510, 30.6888,
-90.1126)

Have a look what the booklet for
YUV(107.7510, 30.6888, -90.1126)
contains.

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Color

**YUV(107.7510, 30.6888,
-90.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	0594AA
RGB	5, 148, 170
RGB Percent	2%, 58%, 67%
CMY	0.9804, 0.4196, 0.3333
CMYK	0.97, 0.13, 0.00, 0.33
HSL	188°, 94%, 34%
HSV	188°, 97%, 67%
XYZ	17.9082, 24.1144, 41.7409
YIQ	107.7510, -92.2900, -23.4740

Conversions

Conversions Part 2

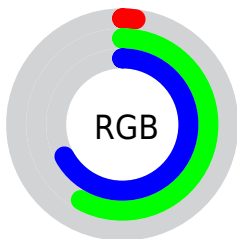
Format	Color
RYB	5, 82, 170
Decimal	365738
CIELab	56.20, -24.57, -20.80
CIELCh	56, 32.196, 220.249
Yxy	24.1144, 0.2138, 0.2879
Android (android.graphics.Color)	4278555818 (0xFF0594AA)
YUV	107.7510, 30.6888, -90.1126
Hunter-Lab	49.1064, -20.8405, -16.0226

Details

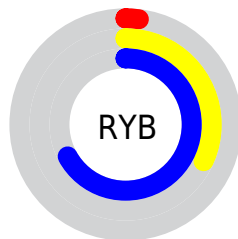
The YUV color **107.7510, 30.6888, -90.1126** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **67.2490, -30.6888, 90.1126**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3300, 25.9663, -68.6954**, and **70.3910, 23.4712, -61.7329** is the 20% darker color. If you saturate the color by 10%, you get **105.6690, 31.7152, -92.6717**, and if you desaturate by 10%, it is **114.0080, 27.6041, -80.6910**.

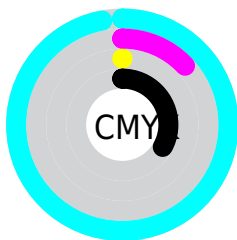
Distribution



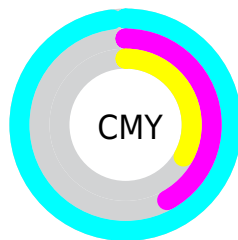
- Red (2%)
- Green (58%)
- Blue (67%)



- Red (2%)
- Yellow (32%)
- Blue (67%)



- Cyan (97%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (98%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7510, 30.6888, -90.1126 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 107.7510, 30.6888, -90.1126 by changing the saturation by 10% instead.

■ 107.7510, 30.6888,
-90.1126

■ 107.7510, 30.6888,
-90.1126

■ 255.0000, 0.0000,
0.0000

■ 87.9160, 27.1564,
-77.1023

■ 172.3300, 25.9663,
-68.6954

■ 70.3910, 23.4712,
-61.7329

■ 201.6290, 25.8189,
-68.0806

■ 53.4530, 19.4967,
-46.8783

■ 224.8010, 14.8881,
-62.0925

■ 37.2160, 15.6695,
-32.6384

■ 233.7710, 10.4659,
-43.6492

■ 23.5550, 11.5584,
-20.6577

■ 242.7410, 6.0437,
-25.2059

■ 3.5510, 11.0674,
-3.1142

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 107.7510, 30.6888,
-90.1126

■ 107.7510, 30.6888,
-90.1126

■ 105.6690, 31.7152,
-92.6717

■ 114.0080, 27.6041,
-80.6910

■ 120.8520, 24.2300,
-71.7842

■ 127.1090, 21.1453,
-62.3626

■ 133.3660, 18.0606,
-52.9410

■ 139.6230, 14.9759,
-43.5194

■ 146.4670, 11.6018,
-34.6126

■ 152.7240, 8.5171,
-25.1909

■ 158.9810, 5.4324,
-15.7693

■ 165.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



115.2300, 14.1836, -69.4847



107.7510, 30.6888, -90.1126



123.1990, 31.4539, -55.4255

Triad

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



107.7510, 30.6888, -90.1126



138.2830, 7.7485, 34.8318



131.8940, -26.0767, 10.6170

Complementary

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



107.7510, 30.6888, -90.1126



67.2490, -30.6888, 90.1126

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.



134.4280, -25.8470, 30.3196



107.7510, 30.6888, -90.1126



137.2060, -5.5246, 45.4233

Square

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



107.7510, 30.6888, -90.1126



137.9300, 19.7545, 10.5854



135.9810, -17.7386, 42.9897



128.6890, -18.5807, -13.7593

Rectangle

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



107.7510, 30.6888, -90.1126



130.1850, 29.4888, -31.7342



135.9810, -17.7386, 42.9897



132.7100, -26.9720, 17.7943

Sweetspot

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



107.7510, 30.6888, -90.1126



197.5810, 12.0386, -34.7125



104.3630, -38.1400, -87.1414



97.4040, 7.1958, -21.4023



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.



107.7510, 30.6888, -90.1126



138.0120, 41.4061, -121.0365



59.6170, 54.4188, -47.8991



81.0210, 1.4686, -4.4034



92.0080, 27.6041, -80.6910



12.8460, 3.5269, -11.2659

Inverse Universe

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



70.6370, 38.1400, 87.1414



88.2660, 51.1409, 117.2847



115.3830, -54.4188, 47.8991



79.1900, 1.8783, 4.2184



58.8440, 34.0939, 78.1898



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 107.7510, 30.6888, -90.1126 looks on a white background.

Color Contrast Check

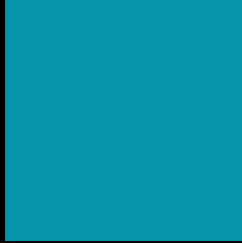
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.7510, 30.6888, -90.1126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

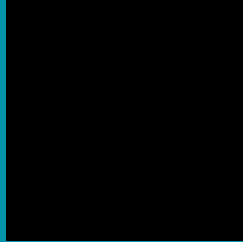
Any Text WCAG AA ✓ Pass

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 107.7510, 30.6888, -90.1126 Background



This preview shows how black text looks on a background with the YUV color 107.7510, 30.6888, -90.1126.



This preview shows how white text looks on a background with the YUV color 107.7510, 30.6888, -90.1126.

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

107.7510, 30.6888, -90.1126

Protanopia

134.4690, 12.0938, -5.6733

Deuteranopia

134.9940, 19.2300, -7.8877



Tritanopia

105.8170, 27.2052, -92.8015

Trichromacy



Original Color

107.7510, 30.6888, -90.1126

Protanomaly

124.4050, 19.0273, -36.3122

Deuteranomaly

125.2460, 23.5427, -37.9267

Tritanomaly

106.7570, 28.2208, -91.8719

Monochromacy



Original Color

107.7510, 30.6888, -90.1126

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.3640, 11.1595, -32.7682

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7510, 30.6888, -90.1126 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(5, 148, 170)` looks like.

```
.text, #text, p{  
    color:rgb(5, 148, 170)  
}
```

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(5, 148, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 148, 170) }
```

Border

The CSS property to change the border of an element to YUV 107.7510, 30.6888, -90.1126 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(5, 148, 170) }
```


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

```
.border{ border-color:rgb(5, 148, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 148, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 148, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 148, 170);  
box-shadow:4px 4px 4px 4px rgb(5, 148,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 107.7510, 30.6888, -90.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 148, 170) }
```

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

```
.background{ background-color: rgb(5, 148,  
170) }
```

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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