

Converting Colors

YUV(127.9010, 6.4578,
-64.8112)

Have a look what the booklet for
YUV(127.9010, 6.4578, -64.8112)
contains.

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Color

**YUV(127.9010, 6.4578,
-64.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	36A38D
RGB	54, 163, 141
RGB Percent	21%, 64%, 55%
CMY	0.7882, 0.3608, 0.4471
CMYK	0.67, 0.00, 0.13, 0.36
HSL	168°, 50%, 43%
HSV	168°, 67%, 64%
XYZ	19.4262, 28.9017, 29.7540
YIQ	127.9010, -57.9020, -29.9500

Conversions

Conversions Part 2

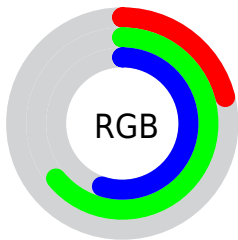
Format	Color
RYB	54, 115, 163
Decimal	3580813
CIELab	60.69, -36.06, 2.45
CIElCh	61, 36.140, 176.117
Yxy	28.9017, 0.2488, 0.3701
Android (android.graphics.Color)	4281770893 (0xFF36A38D)
YUV	127.9010, 6.4578, -64.8112
Hunter-Lab	53.7603, -29.5798, 4.8178

Details

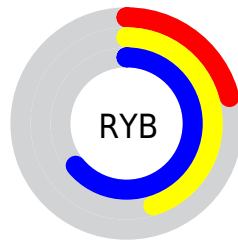
The YUV color **127.9010, 6.4578, -64.8112** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **89.0990, -6.4578, 64.8112**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8690, 4.9946, -62.1521**, and **74.9440, 7.9156, -65.7259** is the 20% darker color. If you saturate the color by 10%, you get **122.7750, 7.5059, -74.3477**, and if you desaturate by 10%, it is **133.0270, 5.4097, -55.2747**.

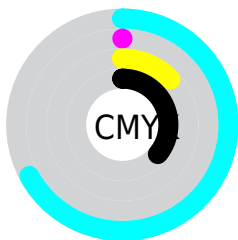
Distribution



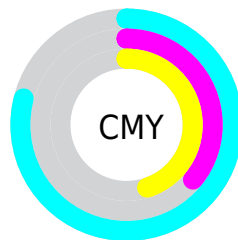
- Red (21%)
- Green (64%)
- Blue (55%)



- Red (21%)
- Yellow (45%)
- Blue (64%)



- Cyan (67%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)



- Cyan (79%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9010, 6.4578, -64.8112 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 127.9010, 6.4578, -64.8112 by changing the saturation by 10% instead.

■ 127.9010, 6.4578,
-64.8112

■ 127.9010, 6.4578,
-64.8112

255.0000, 0.0000,
0.0000

■ 95.6330, 9.5479,
-75.9771

■ 184.8690, 4.9946,
-62.1521

■ 74.9440, 7.9156,
-65.7259

■ 213.0540, 4.4104,
-61.4374

■ 57.6470, 5.1040,
-50.5564

■ 229.7270, 10.4876,
-50.6266

■ 40.9370, 2.0031,
-35.9017

■ 238.8540, 7.9600,
-33.1980

■ 26.3300, -0.6557,
-23.0914

■ 247.5250, 3.6852,
-15.3694

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,

0.0000

■ 127.9010, 6.4578,
-64.8112

■ 127.9010, 6.4578,
-64.8112

■ 122.7750, 7.5059,
-74.3477

■ 133.0270, 5.4097,
-55.2747

■ 117.2360, 8.2647,
-84.3990

■ 138.5660, 4.6510,
-45.2234

■ 112.1100, 9.3128,
-93.9355

■ 143.6920, 3.6028,
-35.6869

■ 110.5010, 9.6130,
-96.9094

■ 148.8180, 2.5547,
-26.1504

■ 154.2430, 1.3592,
-15.9991

■ 159.4830, 0.7479,
-6.5626

■ 164.6090, -0.3002,
2.9739

■ 169.7350, -1.3484,
12.5104

■ 175.2740, -2.1071,
22.5617

Harmonies

Analogous

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



136.6590, -13.1429, -31.2729



127.9010, 6.4578, -64.8112



115.4030, 28.3953, -101.2084

Triad

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



127.9010, 6.4578, -64.8112



148.4920, 27.3654, -3.9395



146.5050, -25.8850, 42.5301

Complementary

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



127.9010, 6.4578, -64.8112



89.0990, -6.4578, 64.8112

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.



148.0730, -13.8400, 52.5560



127.9010, 6.4578, -64.8112



150.6010, 15.4797, 28.4139

Square

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



127.9010, 6.4578, -64.8112



139.4870, 34.7629, -43.4001



149.3510, 1.3060, 47.9272



144.4180, -30.7721, 23.3124

Rectangle

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



127.9010, 6.4578, -64.8112



116.2810, 36.8365, -101.9784



149.3510, 1.3060, 47.9272



146.8630, -22.1175, 47.4781

Sweetspot

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



127.9010, 6.4578, -64.8112



198.1170, 2.4073, -25.5356



125.1590, -35.0814, -41.3584



98.6560, 1.6486, -15.4843



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



127.9010, 6.4578, -64.8112



157.1800, 9.7713, -101.0129



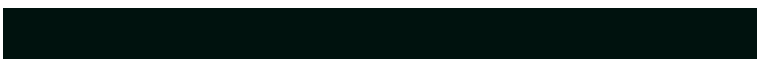
112.2120, 25.0385, -51.0519



79.0810, 0.4531, -5.3330



98.3390, 8.7069, -86.2433



12.1620, 0.9061, -10.6661

Inverse Universe

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



89.0990, -6.4578, 64.8112



96.8200, -9.7713, 101.0129



104.7880, -25.0385, 51.0519



75.9190, -0.4531, 5.3330



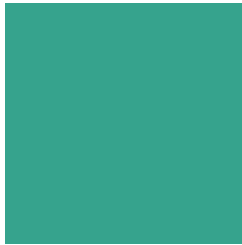
46.6610, -8.7069, 86.2433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 127.9010, 6.4578, -64.8112 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 127.9010, 6.4578, -64.8112 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 127.9010, 6.4578, -64.8112 Background



This preview shows how black text looks on a background with the YUV color 127.9010, 6.4578, -64.8112.



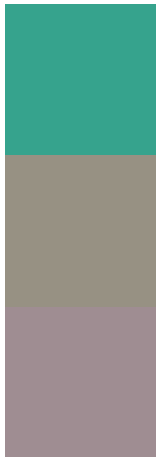
This preview shows how white text looks on a background with the YUV color 127.9010, 6.4578,

-64.8112.

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

127.9010, 6.4578, -64.8112

Protanopia

145.1980, -6.9996, 5.0884

Deuteranopia

146.9520, -0.4693, 10.5661



Tritanopia

133.2730, 19.0924, -57.2444

Trichromacy



Original Color

127.9010, 6.4578, -64.8112

Protanomaly

139.2980, -2.1189, -20.4323

Deuteranomaly

140.0580, 1.9434, -16.7139

Tritanomaly

131.1110, 14.7353, -59.7333

Monochromacy



Original Color

127.9010, 6.4578, -64.8112

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1280, 2.4019, -23.7913

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9010, 6.4578, -64.8112 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(54, 163, 141)` looks like.

```
.text, #text, p{  
    color:rgb(54, 163, 141)  
}
```

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(54, 163, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 163, 141) }
```

Border

The CSS property to change the border of an element to YUV 127.9010, 6.4578, -64.8112 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(54, 163, 141) }
```


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

```
.border{ border-color:rgb(54, 163, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 163, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 163, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 163, 141);  
box-shadow:4px 4px 4px 4px rgb(54, 163,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 127.9010, 6.4578, -64.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 163, 141) }
```

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

```
.background{ background-color: rgb(54, 163,  
141) }
```

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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