

Converting Colors

YUV(93.6050, 5.6177, -28.5946)

Have a look what the booklet for
YUV(93.6050, 5.6177, -28.5946)
contains.

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Color

**YUV(93.6050, 5.6177,
-28.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6C69
RGB	61, 108, 105
RGB Percent	24%, 42%, 41%
CMY	0.7608, 0.5765, 0.5882
CMYK	0.44, 0.00, 0.03, 0.58
HSL	176°, 28%, 33%
HSV	176°, 44%, 42%
XYZ	9.8368, 12.7371, 15.3047
YIQ	93.6050, -27.0490, -10.8970

Conversions

Conversions Part 2

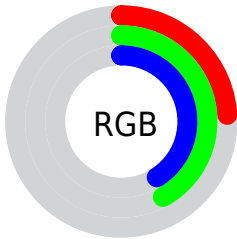
Format	Color
RYB	61, 85, 108
Decimal	4025449
CIELab	42.36, -16.82, -3.36
CIElCh	42, 17.152, 191.297
Yxy	12.7371, 0.2597, 0.3363
Android (android.graphics.Color)	4282215529 (0xFF3D6C69)
YUV	93.6050, 5.6177, -28.5946
Hunter-Lab	35.6891, -13.2569, -0.4431

Details

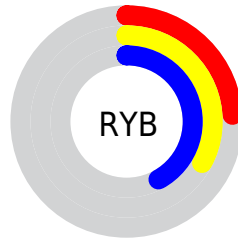
The YUV color **93.6050, 5.6177, -28.5946** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.3950, -5.6177, 28.5946**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1920, 5.3283, -29.1094**, and **44.2240, 6.7916, -31.7684** is the 20% darker color. If you saturate the color by 10%, you get **90.2020, 6.8024, -35.2572**, and if you desaturate by 10%, it is **97.0080, 4.4331, -21.9320**.

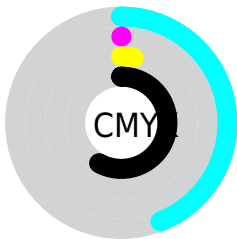
Distribution



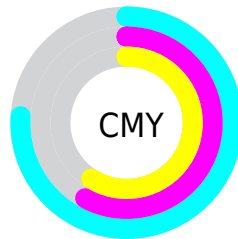
- Red (24%)
- Green (42%)
- Blue (41%)



- Red (24%)
- Yellow (33%)
- Blue (42%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (58%)



- Cyan (76%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6050, 5.6177, -28.5946 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 93.6050, 5.6177, -28.5946 by changing the saturation by 10% instead.

93.6050, 5.6177,
-28.5946

93.6050, 5.6177,
-28.5946

255.0000, 0.0000,
0.0000

69.3060, 5.7651,
-29.2094

145.1920, 5.3283,
-29.1094

44.2240, 6.7916,
-31.7684

171.8930, 5.4758,
-29.7242

26.4100, 4.7279,
-23.1616

199.0070, 5.9125,
-29.8241

11.1020, 1.9217,
-9.7365

227.2950, 5.7706,
-30.9537

0.0000, 0.0000,
0.0000

244.8340, 5.0118,
-20.9024

253.5050, 0.7370,

-3.0739

■ 93.6050, 5.6177,
-28.5946

■ 93.6050, 5.6177,
-28.5946

■ 90.2020, 6.8024,
-35.2572

■ 97.0080, 4.4331,
-21.9320

■ 86.9130, 8.4239,
-42.0197

■ 100.2970, 2.8116,
-15.1695

■ 83.8090, 9.4612,
-48.0675

■ 103.4010, 1.7743,
-9.1217

■ 80.4060, 10.6458,
-54.7301

■ 106.8040, 0.5896,
-2.4591

■ 77.1170, 12.2673,
-61.4926

■ 110.0930, -1.0318,
4.3034

■ 74.9100, 12.8624,
-65.6961

■ 113.4960, -2.2165,
10.9660

■ 116.8990, -3.4012,
17.6286

■ 120.0030, -4.4385,
23.6764

■ 123.2920, -6.0600,
30.4389

Harmonies

Analogous

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



94.8960, -2.4137, -19.2028



93.6050, 5.6177, -28.5946



93.9020, 11.8803, -30.6091

Triad

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



93.6050, 5.6177, -28.5946



102.1500, 9.2931, 6.0075



100.0700, -12.8525, 15.7246

Complementary

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



93.6050, 5.6177, -28.5946



75.3950, -5.6177, 28.5946

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.



101.3250, -9.5272, 22.5170



93.6050, 5.6177, -28.5946



102.6200, 3.1453, 17.8733

Square

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



93.6050, 5.6177, -28.5946



99.6150, 13.9938, -8.4324



102.2310, -3.5649, 23.4764



98.8900, -13.2568, 5.3585

Rectangle

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



93.6050, 5.6177, -28.5946



95.5050, 14.0480, -25.8759



102.2310, -3.5649, 23.4764



100.9070, -12.2792, 18.4986

Sweetspot

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



93.6050, 5.6177, -28.5946



134.5040, 2.2165, -10.9660



89.4860, -14.0436, -22.3512



67.7110, 1.6215, -6.7625



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.6050, 5.6177, -28.5946



117.7170, 9.0135, -44.4788



82.2070, 12.7159, -18.5985



52.0920, 0.4476, -3.5887



81.2190, 14.1890, -71.2291



169.9210, 29.1259, -149.0207

Inverse Universe

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



75.3950, -5.6177, 28.5946



89.3970, -8.5767, 44.3788



86.7930, -12.7159, 18.5985



49.9080, -0.4476, 3.5887



35.7810, -14.1890, 71.2291



75.0790, -29.1259, 149.0207

Previews

White Background



This preview shows how the YUV color 93.6050, 5.6177, -28.5946 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 93.6050, 5.6177, -28.5946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

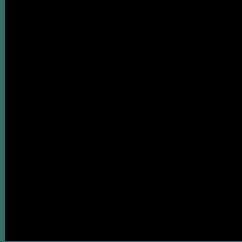
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6050, 5.6177, -28.5946

Background



This preview shows how black text looks on a background with the YUV color 93.6050, 5.6177, -28.5946.



This preview shows how white text looks on a background with the YUV color 93.6050, 5.6177, -28.5946.

-28.5946.

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

93.6050, 5.6177, -28.5946

Protanopia

99.7120, 0.1420, 1.1296

Deuteranopia

100.8310, 3.0413, 4.5332



Tritanopia

94.4680, 10.1223, -26.7204

Trichromacy



Original Color

93.6050, 5.6177, -28.5946

Protanomaly

97.2160, 2.3585, -9.8364

Deuteranomaly

98.2810, 3.8055, -7.2624

Tritanomaly

94.3000, 8.2331, -27.4501

Monochromacy



Original Color

93.6050, 5.6177, -28.5946

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8030, 2.0691, -10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6050, 5.6177, -28.5946 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(61, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(61, 108, 105)  
}
```

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(61, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 108, 105) }
```

Border

The CSS property to change the border of an element to YUV 93.6050, 5.6177, -28.5946 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(61, 108, 105) }
```


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

```
.border{ border-color:rgb(61, 108, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 108, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(61, 108,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 93.6050, 5.6177, -28.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 108, 105) }
```

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

```
.background{ background-color: rgb(61, 108,  
105) }
```

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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