

Converting Colors

YUV(93.6540, -5.2524, 4.6884)

Have a look what the booklet for
YUV(93.6540, -5.2524, 4.6884)
contains.

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Color

**YUV(93.6540, -5.2524,
4.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	635D53
RGB	99, 93, 83
RGB Percent	39%, 36%, 33%
CMY	0.6118, 0.6353, 0.6745
CMYK	0.00, 0.06, 0.16, 0.61
HSL	37°, 9%, 36%
HSV	37°, 16%, 39%
XYZ	10.6213, 11.1059, 9.7675
YIQ	93.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

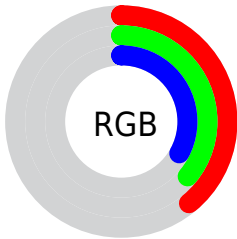
Format	Color
RYB	93, 99, 83
Decimal	6511955
CIELab	39.76, 0.50, 6.60
CIELCh	40, 6.623, 85.707
Yxy	11.1059, 0.3372, 0.3526
Android (android.graphics.Color)	4284702035 (0xFF635D53)
YUV	93.6540, -5.2524, 4.6884
Hunter-Lab	33.3255, -1.4293, 5.9504

Details

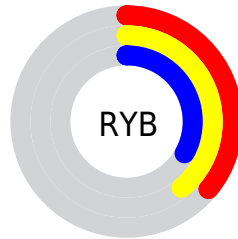
The YUV color **93.6540, -5.2524, 4.6884** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.3460, 5.2524, -4.6884**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8390, -5.8366, 5.4032**, and **47.4690, -4.6682, 3.9737** is the 20% darker color. If you saturate the color by 10%, you get **90.1660, -8.4628, 7.7474**, and if you desaturate by 10%, it is **97.1420, -2.0420, 1.6295**.

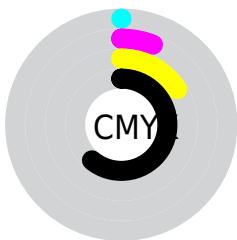
Distribution



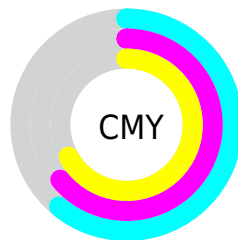
- Red (39%)
- Green (36%)
- Blue (33%)



- Red (36%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6540, -5.2524, 4.6884 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 93.6540, -5.2524, 4.6884 by changing the saturation by 10% instead.

■ 93.6540, -5.2524,
4.6884

■ 93.6540, -5.2524,
4.6884

■ 255.0000, 0.0000,
0.0000

■ 69.7680, -4.8156,
4.5885

■ 143.8390, -5.8366,
5.4032

■ 47.4690, -4.6682,
3.9737

■ 170.8390, -5.8366,
5.4032

■ 26.5830, -4.2314,
3.8737

■ 197.7250, -6.2734,
5.5032

■ 0.0000, 0.0000,
0.0000

■ 225.7250, -6.2734,
5.5032

■ 252.9310, -5.3890,
1.8145

■ 93.6540, -5.2524,
4.6884

■ 93.6540, -5.2524,
4.6884

■ 90.1660, -8.4628,
7.7474

■ 97.1420, -2.0420,
1.6295

■ 87.2650, -11.9626,
10.2916

■ 100.0430, 1.4578,
-0.9147

■ 83.7770, -15.1731,
13.3506

■ 103.5310, 4.6682,
-3.9737

■ 80.2890, -18.3835,
16.4095

■ 107.0190, 7.8786,
-7.0327

■ 76.9150, -21.1571,
19.3685

■ 110.5070, 11.0890,
-10.0916

■ 74.0140, -24.6569,
21.9127

■ 113.2940, 14.1521,
-12.5358

■ 70.5260, -27.8673,
24.9717

■ 116.7820, 17.3625,
-15.5948

■ 67.0380, -31.0777,

■ 120.2700, 20.5729,

28.0307

-18.6538

■ 65.9950, -32.5355,
28.9454

■ 123.1710, 24.0727,
-21.1980

Harmonies

Analogous

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



93.9040, -4.3897, 7.9772



93.6540, -5.2524, 4.6884



93.1480, -4.5100, -0.1298

Triad

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



93.6540, -5.2524, 4.6884



92.0310, 2.9427, -10.5512



94.7170, 2.6045, 4.6332

Complementary

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



93.6540, -5.2524, 4.6884



88.3460, 5.2524, -4.6884

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.



94.4390, 4.2206, -0.3850



93.6540, -5.2524, 4.6884



92.4980, 4.6845, -9.2067

Square

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



93.6540, -5.2524, 4.6884



92.0590, 0.4639, -8.8217



93.0470, 5.3998, -5.3032



94.7560, 0.1203, 8.1070

Rectangle

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



93.6540, -5.2524, 4.6884



92.7670, -3.3361, -3.3037



93.0470, 5.3998, -5.3032



94.2330, 3.3361, 3.3037

Sweetspot

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



93.6540, -5.2524, 4.6884



125.4410, -2.1894, 2.2442



88.4680, 0.2623, 9.2366



62.3700, -1.1684, 1.4295



191.0000, 0.0000, 0.0000



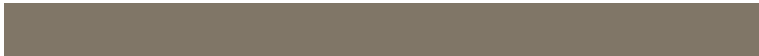
64.0000, 0.0000, 0.0000

Same Dimension

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



93.6540, -5.2524, 4.6884



119.2800, -8.0260, 7.6474



96.5780, -6.6940, 0.3701



46.9570, -1.4578, 0.9147



74.5780, -36.7670, 32.8191



159.8100, -78.7863, 70.3266

Inverse Universe

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



88.3460, 5.2524, -4.6884



111.1330, 8.3154, -7.1326



85.4220, 6.6940, -0.3701



45.0430, 1.4578, -0.9147



37.4220, 36.7670, -32.8191



80.1900, 78.7863, -70.3266

Previews

White Background



This preview shows how the YUV color 93.6540, -5.2524, 4.6884 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 93.6540, -5.2524, 4.6884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

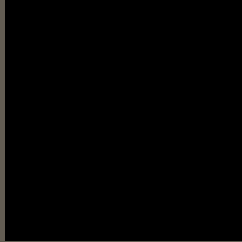
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6540, -5.2524, 4.6884

Background



This preview shows how black text looks on a background with the YUV color 93.6540, -5.2524, 4.6884.



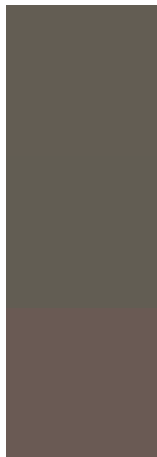
This preview shows how white text looks on a background with the YUV color 93.6540, -5.2524,

4.6884.

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

93.6540, -5.2524, 4.6884

Protanopia

93.3550, -5.1050, 4.0737

Deuteranopia

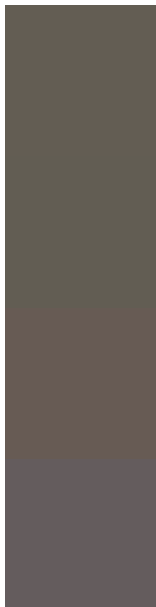
94.1000, -4.9793, 10.4363



Tritanopia

94.7880, 1.5835, 5.4479

Trichromacy



Original Color

93.6540, -5.2524, 4.6884

Protanomaly

93.3550, -5.1050, 4.0737

Deuteranomaly

93.7900, -4.8265, 8.0772

Tritanomaly

94.5060, -0.7425, 4.8182

Monochromacy



Original Color

93.6540, -5.2524, 4.6884

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6540, -5.2524, 4.6884 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(99, 93, 83)` looks like.

```
.text, #text, p{  
    color:rgb(99, 93, 83)  
}
```

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(99, 93, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 93, 83) }
```

Border

The CSS property to change the border of an element to YUV 93.6540, -5.2524, 4.6884 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(99, 93, 83) }
```


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

```
.border{ border-color:rgb(99, 93, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 93, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 93, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 93, 83);  
box-shadow:4px 4px 4px 4px rgb(99, 93, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 93.6540, -5.2524, 4.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 93, 83) }
```

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

```
.background{ background-color: rgb(99, 93,  
83) }
```

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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