

Converting Colors

YUV(90.6540, 18.4116, 21.3514)

Have a look what the booklet for
YUV(90.6540, 18.4116, 21.3514)
contains.

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Color

**YUV(90.6540, 18.4116,
21.3514)**

Conversions

Conversions Part 1

Format	Color
Hex	734780
RGB	115, 71, 128
RGB Percent	45%, 28%, 50%
CMY	0.5490, 0.7216, 0.4980
CMYK	0.10, 0.45, 0.00, 0.50
HSL	286°, 29%, 39%
HSV	286°, 45%, 50%
XYZ	13.2198, 9.7098, 21.5995
YIQ	90.6540, 7.9270, 27.0550

Conversions

Conversions Part 2

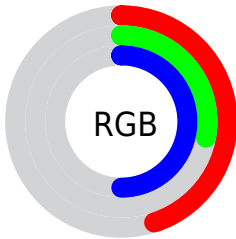
Format	Color
R_{YB}	115, 71, 128
Decimal	7554944
CIE _{Lab}	37.32, 29.25, -24.72
CIE _{LCh}	37, 38.292, 319.797
Yxy	9.7098, 0.2969, 0.2181
Android (android.graphics.Color)	4285745024 (0xFF734780)
YUV	90.6540, 18.4116, 21.3514
Hunter-Lab	31.1606, 21.1968, -19.2855

Details

The YUV color **90.6540, 18.4116, 21.3514** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **108.3460, -18.4116, -21.3514**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8930, 19.2798, 22.8958**, and **43.0020, 17.2540, 19.2922** is the 20% darker color. If you saturate the color by 10%, you get **82.1260, 22.6159, 26.1995**, and if you desaturate by 10%, it is **99.1820, 14.2073, 16.5034**.

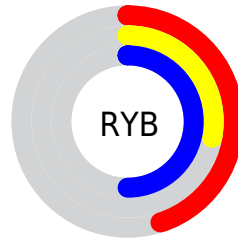
Distribution



Red (45%)

Green (28%)

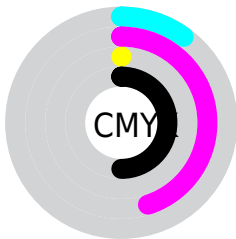
Blue (50%)



Red (45%)

Yellow (28%)

Blue (50%)

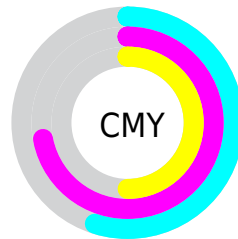


Cyan (10%)

Magenta (45%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (72%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6540, 18.4116, 21.3514 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 90.6540, 18.4116, 21.3514 by changing the saturation by 10% instead.

■ 90.6540, 18.4116,
21.3514

■ 90.6540, 18.4116,
21.3514

■ 255.0000, 0.0000,
0.0000

■ 66.8280, 17.8328,
20.3218

■ 141.8930, 19.2798,
22.8958

■ 43.0020, 17.2540,
19.2922

■ 168.7190, 19.8585,
23.9254

■ 20.0020, 17.2540,
19.2922

■ 196.1320, 20.1479,
24.4402

■ 9.5570, 12.0504,
8.2815

■ 222.7040, 15.9219,
26.5696

■ 0.7980, 3.0576,
-0.6998

■ 239.7380, 7.5242,
13.3848

■ 0.0000, 0.0000,
0.0000

90.6540, 18.4116,
21.3514

90.6540, 18.4116,
21.3514

82.1260, 22.6159,
26.1995

99.1820, 14.2073,
16.5034

73.5980, 26.8202,
31.0476

107.7100, 10.0030,
11.6553

65.6570, 30.7351,
35.3808

115.6510, 6.0881,
7.3221

57.1290, 34.9394,
40.2289

124.1790, 1.8838,
2.4740

48.6010, 39.1437,
45.0769

132.7070, -2.3206,
-2.3740


44.1930, 41.3169,
48.0657

141.2350, -6.5249,
-7.2221

149.4640,
-10.5818, -12.6849

157.4050,

-14.4967, -17.0182

 165.9330,
-18.7010, -21.8662

Harmonies

Analogous

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



86.8820, 29.1452, -14.8055



90.6540, 18.4116, 21.3514



88.7680, 5.5374, 44.0535

Triad

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



90.6540, 18.4116, 21.3514



85.1300, -30.6301, 24.4420



72.7730, 17.3669, -63.8219

Complementary

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



90.6540, 18.4116, 21.3514



108.3460, -18.4116, -21.3514

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.



68.5380, 3.6788, -60.1078



90.6540, 18.4116, 21.3514



82.2690, -28.2336, 2.3951

Square

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



90.6540, 18.4116, 21.3514



86.1290, -22.2486, 42.8599



77.4100, -15.4851, -26.6696



73.9760, 29.5918, -64.8770

Rectangle

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



90.6540, 18.4116, 21.3514



87.2820, -4.0830, 49.7417



77.4100, -15.4851, -26.6696



71.5190, 12.5621, -62.7222

Sweetspot

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



90.6540, 18.4116, 21.3514



151.5910, 7.1036, 8.2517



85.1290, 21.1354, -12.3911



75.4720, 4.2043, 4.8481



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



90.6540, 18.4116, 21.3514



108.3640, 28.4145, 33.0068



92.8310, 9.9433, 30.8432



59.2930, 2.3206, 2.3740



43.8940, 41.4643, 47.4510



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.5250, -2.7238, 33.7426



106.5920, -4.2359, 52.1008



106.1690, -9.9433, -30.8432



59.3210, -0.1583, 4.1035



41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.6540, 18.4116, 21.3514 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 ✓ Pass

Black Background



This preview shows how the YUV color 90.6540, 18.4116, 21.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 90.6540, 18.4116, 21.3514

Background



This preview shows how black text looks on a background with the YUV color 90.6540, 18.4116, 21.3514.



This preview shows how white text looks on a background with the YUV color 90.6540, 18.4116,

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

90.6540, 18.4116, 21.3514

Protanopia

86.5890, 26.8246, -17.1796

Deuteranopia

87.7440, 18.3672, -11.1765



Tritanopia

89.4690, -1.2172, 17.1287

Trichromacy



Original Color

90.6540, 18.4116, 21.3514

Protanomaly

88.1670, 23.5817, -3.6545

Deuteranomaly

88.8210, 18.3292, 1.0340

Tritanomaly

90.0160, 5.9081, 18.4030

Monochromacy



Original Color

90.6540, 18.4116, 21.3514

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0640, 6.3774, 7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6540, 18.4116, 21.3514 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(115, 71, 128)` looks like.

```
.text, #text, p{  
    color:rgb(115, 71, 128)  
}
```

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(115, 71, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 71, 128) }
```

Border

The CSS property to change the border of an element to YUV 90.6540, 18.4116, 21.3514 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(115, 71, 128) }
```


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

```
.border{ border-color:rgb(115, 71, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 71, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 71, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 71, 128); box-shadow:4px 4px 4px 4px rgb(115, 71, 128) }
```

Background

The CSS property to change the background color of an element to YUV 90.6540, 18.4116, 21.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 71, 128) }
```

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

```
.background{ background-color: rgb(115, 71,  
128) }
```

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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