

Converting Colors

YUV(93.4350, 20.4915, 7.5115)

Have a look what the booklet for
YUV(93.4350, 20.4915, 7.5115)
contains.

YUV(93.4350, 20.4915, 7.5115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.4350, 20.4915,
7.5115)**

Conversions

Conversions Part 1

Format	Color
Hex	665187
RGB	102, 81, 135
RGB Percent	40%, 32%, 53%
CMY	0.6000, 0.6824, 0.4706
CMYK	0.24, 0.40, 0.00, 0.47
HSL	263°, 25%, 42%
HSV	263°, 40%, 53%
XYZ	12.7951, 10.4589, 24.2661
YIQ	93.4350, -4.8180, 21.2460

Conversions

Conversions Part 2

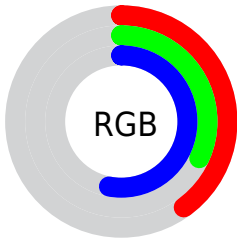
Format	Color
R _Y B	102, 81, 135
Decimal	6705543
CIE Lab	38.65, 20.68, -27.03
CIE LCh	39, 34.030, 307.419
Yxy	10.4589, 0.2693, 0.2201
Android (android.graphics.Color)	4284895623 (0xFF665187)
YUV	93.4350, 20.4915, 7.5115
Hunter-Lab	32.3402, 14.0263, -21.8493

Details

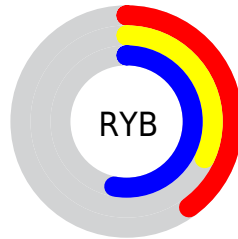
The YUV color **93.4350, 20.4915, 7.5115** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **122.5650, -20.4915, -7.5115**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4890, 21.9439, 8.3411**, and **46.6690, 18.8972, 5.5523** is the 20% darker color. If you saturate the color by 10%, you get **83.4120, 25.4329, 9.2857**, and if you desaturate by 10%, it is **103.4580, 15.5502, 5.7373**.

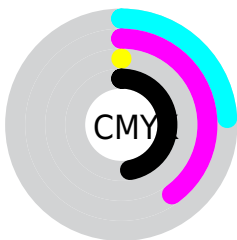
Distribution



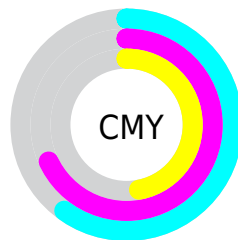
- Red (40%)
- Green (32%)
- Blue (53%)



- Red (40%)
- Yellow (32%)
- Blue (53%)



- Cyan (24%)
- Magenta (40%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4350, 20.4915, 7.5115 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 93.4350, 20.4915, 7.5115 by changing the saturation by 10% instead.

■ 93.4350, 20.4915,
7.5115

■ 93.4350, 20.4915,
7.5115

■ 255.0000, 0.0000,
0.0000

■ 69.4950, 19.4760,
6.5819

■ 144.4890, 21.9439,
8.3411

■ 46.6690, 18.8972,
5.5523

■ 170.9020, 22.2333,
8.8559

■ 24.7290, 17.8816,
4.6227

■ 198.4290, 22.9595,
9.2708

■ 6.6530, 16.4401,
0.3043

■ 224.0890, 15.2391,
12.1999

■ 2.5250, 7.1362,
-2.2144

■ 246.1950, 4.3409,
7.7220

■ 0.0000, 0.0000,
0.0000

93.4350, 20.4915,
7.5115

93.4350, 20.4915,
7.5115

83.4120, 25.4329,
9.2857

103.4580, 15.5502,
5.7373

72.8020, 30.6636,
11.5746

114.3670, 10.1721,
4.0631

62.4800, 35.7524,
12.7340

124.9770, 4.9413,
1.7742

51.8700, 40.9831,
15.0230

135.0000, 0.0000,
0.0000

41.2600, 46.2138,
17.3120

145.6100, -5.2307,
-2.2890


31.2370, 51.1552,
19.0862

155.9320,
-10.3195, -3.4484

166.5420,
-15.5502, -5.7373

176.5650,

-20.4915, -7.5115

 187.1750,
-25.7223, -9.8005

Harmonies

Analogous

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



86.7940, 29.1886, -28.7603



93.4350, 20.4915, 7.5115



93.4290, 9.6485, 32.0728

Triad

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



93.4350, 20.4915, 7.5115



89.7700, -24.5366, 30.0197



72.6930, 11.9834, -63.7518

Complementary

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



93.4350, 20.4915, 7.5115



122.5650, -20.4915, -7.5115

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.



76.9980, -3.9430, -42.0942



93.4350, 20.4915, 7.5115



87.7800, -26.5135, 10.7169

Square

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



93.4350, 20.4915, 7.5115



90.5510, -15.5546, 42.4898



84.4720, -19.4597, -11.8149



75.1840, 24.0663, -65.9364

Rectangle

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



93.4350, 20.4915, 7.5115



92.0190, 1.4696, 42.0793



84.4720, -19.4597, -11.8149



71.6670, 8.0522, -62.8520

Sweetspot

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



93.4350, 20.4915, 7.5115



159.7860, 7.9935, 2.8187



106.5270, 14.0372, -22.3872



79.8630, 4.5045, 1.8741



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



93.4350, 20.4915, 7.5115



110.5570, 32.2634, 11.7895



101.5080, 16.5116, 24.1105



61.2820, 2.3260, 0.6297



30.0690, 49.2660, 18.3565



0.6410, 1.1630, 0.3148

Inverse Universe

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



100.9080, 6.4544, 29.8987



122.3430, 10.1839, 47.0572



114.4920, -16.5116, -24.1105



62.2500, 0.8628, 3.2888



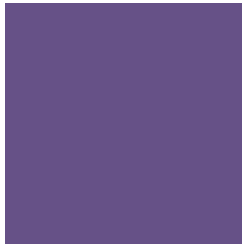
47.8760, 15.3441, 72.0227



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 93.4350, 20.4915, 7.5115 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 93.4350, 20.4915, 7.5115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

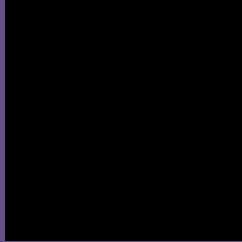
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4350, 20.4915, 7.5115

Background



This preview shows how black text looks on a background with the YUV color 93.4350, 20.4915, 7.5115.



This preview shows how white text looks on a background with the YUV color 93.4350, 20.4915,

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

93.4350, 20.4915, 7.5115

Protanopia

89.9590, 25.6562, -15.7500

Deuteranopia

90.1180, 21.1408, -14.1355



Tritanopia

91.5920, 2.1731, 2.9888

Trichromacy



Original Color

93.4350, 20.4915, 7.5115

Protanomaly

91.1450, 23.5925, -7.1432

Deuteranomaly

91.4610, 20.9717, -6.5433

Tritanomaly

92.3240, 8.7143, 4.9779

Monochromacy



Original Color

93.4350, 20.4915, 7.5115

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4350, 20.4915, 7.5115 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(102, 81, 135)` looks like.

```
.text, #text, p{  
    color:rgb(102, 81, 135)  
}
```

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(102, 81, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 81, 135) }
```

Border

The CSS property to change the border of an element to YUV 93.4350, 20.4915, 7.5115 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(102, 81, 135) }
```


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

```
.border{ border-color:rgb(102, 81, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 81, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 81, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 81, 135);  
box-shadow:4px 4px 4px 4px rgb(102, 81,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 93.4350, 20.4915, 7.5115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 81, 135) }
```

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

```
.background{ background-color: rgb(102, 81,  
135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor