

Converting Colors

YUV(91.7350, -1.3484, 12.5104)

Have a look what the booklet for
YUV(91.7350, -1.3484, 12.5104)
contains.

YUV(91.7350, -1.3484, 12.5104)	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(91.7350, -1.3484,
12.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5559
RGB	106, 85, 89
RGB Percent	42%, 33%, 35%
CMY	0.5843, 0.6667, 0.6510
CMYK	0.00, 0.20, 0.16, 0.58
HSL	349°, 11%, 37%
HSV	349°, 20%, 42%
XYZ	10.9955, 10.2824, 10.8564
YIQ	91.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

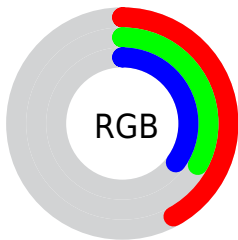
Format	Color
R_{YB}	106, 85, 89
Decimal	6968665
CIE Lab	38.34, 9.39, 0.96
CIE LCh	38, 9.434, 5.821
Yxy	10.2824, 0.3422, 0.3200
Android (android.graphics.Color)	4285158745 (0xFF6A5559)
YUV	91.7350, -1.3484, 12.5104
Hunter-Lab	32.0662, 5.0918, 2.3731

Details

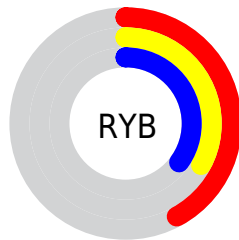
The YUV color **91.7350, -1.3484, 12.5104** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.2650, 1.3484, -12.5104**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3330, -1.6432, 13.7400**, and **45.8380, -0.9061, 10.6661** is the 20% darker color. If you saturate the color by 10%, you get **84.2520, -2.0962, 19.0730**, and if you desaturate by 10%, it is **99.2180, -0.6005, 5.9478**.

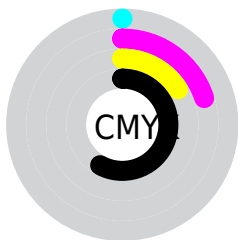
Distribution



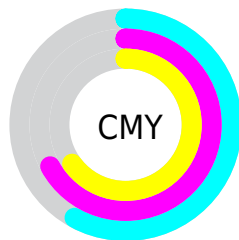
- Red (42%)
- Green (33%)
- Blue (35%)



- Red (42%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (58%)



- Cyan (58%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7350, -1.3484, 12.5104 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 91.7350, -1.3484, 12.5104 by changing the saturation by 10% instead.

91.7350, -1.3484,
12.5104

91.7350, -1.3484,
12.5104

255.0000, 0.0000,
0.0000

68.4360, -1.2009,
11.8956

142.3330, -1.6432,
13.7400

45.8380, -0.9061,
10.6661

168.6320, -1.7906,
14.3547

24.5390, -0.7587,
10.0513

195.6320, -1.7906,
14.3547

1.7940, -0.8844,
3.6887

223.9310, -1.9380,
14.9695

0.0000, 0.0000,
0.0000

247.8590, 0.5625,
6.2627

■ 91.7350, -1.3484,
12.5104

■ 91.7350, -1.3484,
12.5104

■ 84.2520, -2.0962,
19.0730

■ 99.2180, -0.6005,
5.9478

■ 77.4700, -2.6967,
25.0208

■ 106.0000, 0.0000,
0.0000

■ 69.9870, -3.4446,
31.5834

■ 113.4830, 0.7479,
-6.5626

■ 63.2050, -4.0451,
37.5312

■ 120.2650, 1.3484,
-12.5104

■ 55.7220, -4.7929,
44.0938

■ 127.7480, 2.0962,
-19.0730

■ 48.3530, -5.1040,
50.5564

■ 135.1170, 2.4073,
-25.5356

■ 41.4570, -6.1413,
56.6042

■ 142.0130, 3.4446,
-31.5834

■ 33.9740, -6.8892,

■ 149.4960, 4.1925,

63.1668

-38.1460

■ 156.2780, 4.7929,
-44.0938

Harmonies

Analogous

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



92.0380, 2.4463, 8.7367



91.7350, -1.3484, 12.5104



91.5240, -4.6953, 12.6955

Triad

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



91.7350, -1.3484, 12.5104



89.1970, -5.5201, -2.8038



88.8720, 7.4581, -12.1657

Complementary

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



91.7350, -1.3484, 12.5104



99.2650, 1.3484, -12.5104

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.



87.6930, 5.5744, -14.6398



91.7350, -1.3484, 12.5104



88.0760, -2.0095, -8.8367

Square

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



91.7350, -1.3484, 12.5104



89.7850, -7.2890, 4.5736



87.7810, 2.0800, -13.8399



89.9160, 7.4364, -5.1883

Rectangle

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



91.7350, -1.3484, 12.5104



91.0570, -6.4371, 11.3510



87.7810, 2.0800, -13.8399



88.1600, 7.3161, -13.2953

Sweetspot

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



91.7350, -1.3484, 12.5104



131.9190, -0.4531, 5.3330



92.4770, 6.6668, 8.3517



65.6090, -0.3002, 2.9739



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



91.7350, -1.3484, 12.5104



115.5510, -2.2436, 19.6878



94.8010, -4.8319, 9.8215



49.9080, -0.4476, 3.5887



37.4910, -7.6371, 69.7294



78.6130, -15.5852, 145.9214

Inverse Universe

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



91.7350, -1.3484, 12.5104



115.5510, -2.2436, 19.6878



96.1990, 4.8319, -9.8215



49.9080, -0.4476, 3.5887



37.4910, -7.6371, 69.7294



78.6130, -15.5852, 145.9214

Previews

White Background



This preview shows how the YUV color 91.7350, -1.3484, 12.5104 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 91.7350, -1.3484, 12.5104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

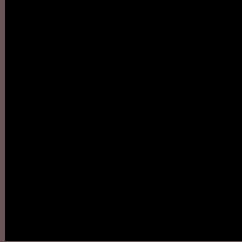
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7350, -1.3484, 12.5104

Background



This preview shows how black text looks on a background with the YUV color 91.7350, -1.3484, 12.5104.



This preview shows how white text looks on a background with the YUV color 91.7350, -1.3484,

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

91.7350, -1.3484, 12.5104

Protanopia

90.8260, 0.5788, 1.0296

Deuteranopia

91.1150, -1.0427, 7.7921



Tritanopia

91.9630, -0.4748, 12.3104

Trichromacy



Original Color

91.7350, -1.3484, 12.5104

Protanomaly

91.0330, -0.0163, 5.2331

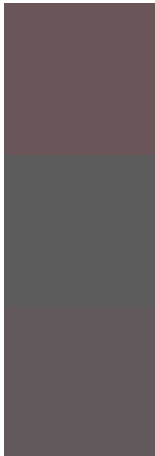
Deuteranomaly

91.1260, -1.0481, 9.5365

Tritanomaly

91.8490, -0.9116, 12.4104

Monochromacy



Original Color

91.7350, -1.3484, 12.5104

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.6200, -0.3057, 4.7183

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7350, -1.3484, 12.5104 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(106, 85, 89)` looks like.

```
.text, #text, p{  
    color:rgb(106, 85, 89)  
}
```

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(106, 85, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 85, 89) }
```

Border

The CSS property to change the border of an element to YUV 91.7350, -1.3484, 12.5104 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(106, 85, 89) }
```


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

```
.border{ border-color:rgb(106, 85, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 85, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 85, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 85, 89);  
box-shadow:4px 4px 4px 4px rgb(106, 85,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 91.7350, -1.3484, 12.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 85, 89) }
```

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

```
.background{ background-color: rgb(106, 85,  
89) }
```

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