

Converting Colors

YUV(63.3710, 14.1141, -0.3254)

Have a look what the booklet for
YUV(63.3710, 14.1141, -0.3254)
contains.

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Color

**YUV(63.3710, 14.1141,
-0.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3A5C
RGB	63, 58, 92
RGB Percent	25%, 23%, 36%
CMY	0.7529, 0.7725, 0.6392
CMYK	0.32, 0.37, 0.00, 0.64
HSL	249°, 23%, 29%
HSV	249°, 37%, 36%
XYZ	5.4947, 4.8556, 10.7728
YIQ	63.3710, -7.9340, 11.6340

Conversions

Conversions Part 2

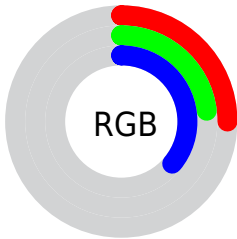
Format	Color
R_{YB}	63, 58, 92
Decimal	4143708
CIE _{Lab}	26.32, 10.92, -19.54
CIE _{LCh}	26, 22.384, 299.206
Yxy	4.8556, 0.2601, 0.2299
Android (android.graphics.Color)	4282333788 (0xFF3F3A5C)
YUV	63.3710, 14.1141, -0.3254
Hunter-Lab	22.0354, 5.9487, -13.5614

Details

The YUV color **63.3710, 14.1141, -0.3254** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.6290, -14.1141, 0.3254**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3110, 15.1297, 0.6043**, and **20.3170, 12.6617, -1.1550** is the 20% darker color. If you saturate the color by 10%, you get **55.6960, 17.8979, -0.6104**, and if you desaturate by 10%, it is **71.0460, 10.3303, -0.0403**.

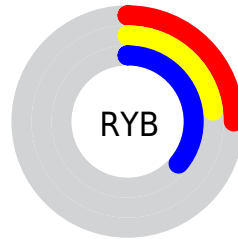
Distribution



 Red (25%)

 Green (23%)

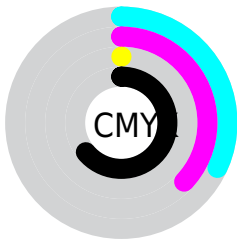
 Blue (36%)



 Red (25%)

 Yellow (23%)

 Blue (36%)

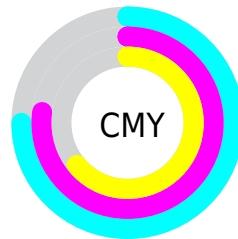


 Cyan (32%)

 Magenta (37%)

 Yellow (0%)

 Black (64%)



 Cyan (75%)

 Magenta (77%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3710, 14.1141, -0.3254 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 63.3710, 14.1141, -0.3254 by changing the saturation by 10% instead.

■ 63.3710, 14.1141,
-0.3254

■ 63.3710, 14.1141,
-0.3254

■ 255.0000, 0.0000,
0.0000

■ 40.8440, 13.3879,
-0.7402

■ 111.3110, 15.1297,
0.6043

■ 20.3170, 12.6617,
-1.1550

■ 136.5390, 16.0033,
0.4043

■ 3.4370, 10.6306,
-3.0142

■ 162.9520, 16.2927,
0.9191

■ 0.0000, 0.0000,
0.0000

■ 190.0660, 16.7295,
0.8191

■ 218.1800, 17.1663,
0.7191

■ 243.5150, 5.6621,

3.9333

■ 63.3710, 14.1141,
-0.3254

■ 63.3710, 14.1141,
-0.3254

■ 55.6960, 17.8979,
-0.6104

■ 71.0460, 10.3303,
-0.0403

■ 48.0210, 21.6816,
-0.8954

■ 78.7210, 6.5465,
0.2447

■ 39.7590, 25.7548,
-0.6656

■ 86.9830, 2.4734,
0.0149

■ 32.3830, 29.3912,
-0.3359

■ 94.3590, -1.1630,
-0.3148

■ 24.7080, 33.1750,
-0.6209

■ 102.0340, -4.9468,
-0.0298

■ 17.0330, 36.9587,
-0.9059

■ 109.7090, -8.7305,
0.2552

■ 14.6740, 38.1217,
-0.5911

■ 117.3840,
-12.5143, 0.5402

■ 125.6460,
-16.5875, 0.3105

■ 133.3210,
-20.3713, 0.5955

Harmonies

Analogous

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



58.3790, 18.5472, -22.2574



63.3710, 14.1141, -0.3254



64.4610, 7.6607, 16.2587

Triad

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



63.3710, 14.1141, -0.3254



62.0600, -14.3266, 21.8724



48.9300, 5.9505, -42.0346

Complementary

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



63.3710, 14.1141, -0.3254



86.6290, -14.1141, 0.3254

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.



56.5710, -6.1975, -18.9178



63.3710, 14.1141, -0.3254



60.8260, -16.1832, 10.6766

Square

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



63.3710, 14.1141, -0.3254



62.8140, -7.7963, 27.3501



59.1340, -13.3771, -2.7485



50.5690, 13.5235, -44.3490

Rectangle

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



63.3710, 14.1141, -0.3254



63.8380, 2.5449, 23.8211



59.1340, -13.3771, -2.7485



52.7310, 1.1186, -32.2131

Sweetspot

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



63.3710, 14.1141, -0.3254



109.0800, 5.3836, -0.0702



78.8990, 6.4588, -18.3284



54.2110, 3.3470, -0.1850



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



63.3710, 14.1141, -0.3254



75.4340, 21.9710, -0.3806



68.4540, 11.6082, 10.1258



41.8690, 2.0366, 0.1149



17.3240, 45.6893, -1.1611



37.4830, 98.3619, -2.1776

Inverse Universe

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



71.4720, 7.6553, 18.0031



87.9770, 11.8433, 28.0842



81.5460, -11.6082, -10.1258



42.9510, 1.0102, 2.6740



43.6060, 24.8442, 58.2275



93.8910, 53.2977, 125.5066

Previews

White Background



This preview shows how the YUV color 63.3710, 14.1141, -0.3254 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 63.3710, 14.1141, -0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

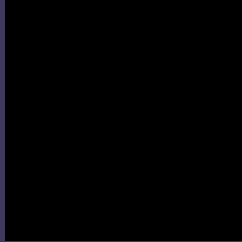
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3710, 14.1141, -0.3254

Background



This preview shows how black text looks on a background with the YUV color 63.3710, 14.1141, -0.3254.



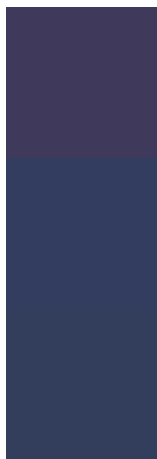
This preview shows how white text looks on a background with the YUV color 63.3710, 14.1141,

-0.3254.

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

63.3710, 14.1141, -0.3254

Protanopia

61.8860, 16.3252, -9.5470

Deuteranopia

61.7180, 14.4360, -10.2767



Tritanopia

62.0750, 2.9210, -3.5738

Trichromacy



Original Color

63.3710, 14.1141, -0.3254

Protanomaly

62.3810, 15.5882, -6.4731

Deuteranomaly

62.6260, 13.9884, -6.6880

Tritanomaly

62.5250, 7.1362, -2.2144

Monochromacy



Original Color

63.3710, 14.1141, -0.3254

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3710, 14.1141, -0.3254 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(63, 58, 92)` looks like.

```
.text, #text, p{  
    color:rgb(63, 58, 92)  
}
```

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(63, 58, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 58, 92) }
```

Border

The CSS property to change the border of an element to YUV 63.3710, 14.1141, -0.3254 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(63, 58, 92) }
```


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

```
.border{ border-color:rgb(63, 58, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 58, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 58, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 58, 92);  
box-shadow:4px 4px 4px 4px rgb(63, 58, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.3710, 14.1141, -0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 58, 92) }
```

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

```
.background{ background-color: rgb(63, 58,  
92) }
```

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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