

Converting Colors

YUV(103.6350, -6.7221,
-37.3909)

Have a look what the booklet for
YUV(103.6350, -6.7221, -37.3909)
contains.

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Color

**YUV(103.6350, -6.7221,
-37.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	3D805A
RGB	61, 128, 90
RGB Percent	24%, 50%, 35%
CMY	0.7608, 0.4980, 0.6471
CMYK	0.52, 0.00, 0.30, 0.50
HSL	146°, 35%, 37%
HSV	146°, 52%, 50%
XYZ	11.4891, 17.1686, 12.3812
YIQ	103.6350, -27.7340, -26.0220

Conversions

Conversions Part 2

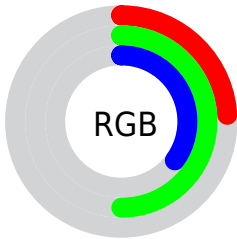
Format	Color
R_{YB}	61, 108, 128
Decimal	4030554
CIE _{Lab}	48.47, -30.67, 14.26
CIE _{LCh}	48, 33.829, 155.061
Yxy	17.1686, 0.2800, 0.4183
Android (android.graphics.Color)	4282220634 (0xFF3D805A)
YUV	103.6350, -6.7221, -37.3909
Hunter-Lab	41.4350, -23.0169, 11.2881

Details

The YUV color **103.6350, -6.7221, -37.3909** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85.3650, 6.7221, 37.3909**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9940, -7.8850, -37.7057**, and **50.8020, -3.3534, -44.5534** is the 20% darker color. If you saturate the color by 10%, you get **98.9500, -7.8634, -44.6832**, and if you desaturate by 10%, it is **108.3200, -5.5808, -30.0986**.

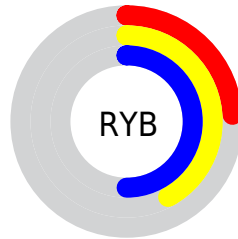
Distribution



Red (24%)

Green (50%)

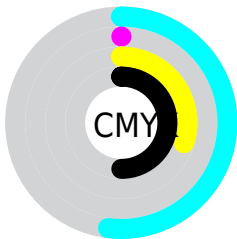
Blue (35%)



Red (24%)

Yellow (42%)

Blue (50%)

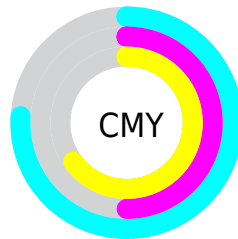


Cyan (52%)

Magenta (0%)

Yellow (30%)

Black (50%)



Cyan (76%)

Magenta (50%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6350, -6.7221, -37.3909 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 103.6350, -6.7221, -37.3909 by changing the saturation by 10% instead.

■ 103.6350, -6.7221,
-37.3909

■ 103.6350, -6.7221,
-37.3909

255.0000, 0.0000,
0.0000

■ 78.1510, -5.9904,
-38.7204

■ 155.9940, -7.8850,
-37.7057

■ 50.8020, -3.3534,
-44.5534

■ 183.5810, -8.1744,
-38.2205

■ 34.9070, -5.8702,
-30.6134

■ 211.7550, -8.7532,
-39.2501

■ 19.9580, -9.8393,
-17.5032

■ 233.2980, -5.5699,
-33.5873

■ 0.0000, 0.0000,
0.0000

■ 245.1610, 2.3856,
-18.5582

254.4020, 0.2948,

-1.2296

■ 103.6350, -6.7221,
-37.3909

■ 103.6350, -6.7221,
-37.3909

■ 98.9500, -7.8634,
-44.6832

■ 108.3200, -5.5808,
-30.0986

■ 94.1510, -9.4414,
-51.8754

■ 113.1190, -4.0027,
-22.9064

■ 89.7650, -10.7301,
-58.5529

■ 117.5050, -2.7140,
-16.2289

■ 85.0800, -11.8714,
-65.8452

■ 122.1900, -1.5727,
-8.9366

■ 81.4060, -13.0182,
-71.3931

■ 126.8750, -0.4314,
-1.6444

■ 131.6740, 1.1467,
5.5479

■ 136.3590, 2.2880,
12.8402

■ 140.7450, 3.5767,
19.5176

■ 145.4300, 4.7180,
26.8099

Harmonies

Analogous

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



109.1410, -20.7755, -9.7707



103.6350, -6.7221, -37.3909



89.8760, 14.3581, -78.8213

Triad

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



103.6350, -6.7221, -37.3909



111.0220, 30.0622, -28.9603



115.8610, -15.7075, 44.8489

Complementary

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



103.6350, -6.7221, -37.3909



85.3650, 6.7221, 37.3909

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.



117.1890, -3.0512, 45.4382



103.6350, -6.7221, -37.3909



117.7660, 21.8074, 5.4672

Square

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



103.6350, -6.7221, -37.3909



91.7120, 36.6240, -80.4314



118.6570, 10.5221, 31.8728



114.3790, -24.8368, 32.9936

Rectangle

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



103.6350, -6.7221, -37.3909



92.0420, 22.6573, -80.7208



118.6570, 10.5221, 31.8728



116.1970, -11.9291, 46.3082

Sweetspot

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



103.6350, -6.7221, -37.3909



156.2170, -2.5720, -15.0993



111.9900, -25.1381, -10.5152



78.1900, -1.5727, -8.9366



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.



103.6350, -6.7221, -37.3909



127.8790, -10.2933, -58.6529



107.2830, 7.2555, -40.5902



61.4510, -0.7153, -3.9035



81.4060, -13.0182, -71.3931



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.3650, 6.7221, 37.3909



99.2350, 10.7301, 58.5529



81.7170, -7.2555, 40.5902



59.5490, 0.7153, 3.9035



46.4800, 12.5814, 71.4930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.6350, -6.7221, -37.3909 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 103.6350, -6.7221, -37.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

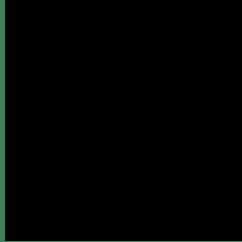
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.6350, -6.7221, -37.3909

Background



This preview shows how black text looks on a background with the YUV color 103.6350, -6.7221, -37.3909.



This preview shows how white text looks on a background with the YUV color 103.6350, -6.7221, -37.3909.

-37.3909.

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

103.6350, -6.7221, -37.3909

Protanopia

113.2710, -14.4306, 8.5323

Deuteranopia

115.0530, -10.3791, 15.7395



Tritanopia

109.0760, 11.3015, -31.6387

Trichromacy



Original Color

103.6350, -6.7221, -37.3909

Protanomaly

109.5570, -11.6136, -8.3815

Deuteranomaly

111.2740, -9.0091, -3.7483

Tritanomaly

107.3440, 4.7604, -33.6277

Monochromacy



Original Color

103.6350, -6.7221, -37.3909

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9290, -2.4300, -13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6350, -6.7221, -37.3909 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(61, 128, 90)` looks like.

```
.text, #text, p{  
    color:rgb(61, 128, 90)  
}
```

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(61, 128, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 128, 90) }
```

Border

The CSS property to change the border of an element to YUV 103.6350, -6.7221, -37.3909 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(61, 128, 90) }
```


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

```
.border{ border-color:rgb(61, 128, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 128, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 128, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 128, 90);  
box-shadow:4px 4px 4px 4px rgb(61, 128,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 103.6350, -6.7221, -37.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 128, 90) }
```

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

```
.background{ background-color: rgb(61, 128,  
90) }
```

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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