

Converting Colors

YUV(113.9460, -15.2564,
-53.4496)

Have a look what the booklet for
YUV(113.9460, -15.2564, -53.4496)
contains.

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Color

**YUV(113.9460, -15.2564,
-53.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	359753
RGB	53, 151, 83
RGB Percent	21%, 59%, 33%
CMY	0.7922, 0.4078, 0.6745
CMYK	0.65, 0.00, 0.45, 0.41
HSL	138°, 48%, 40%
HSV	138°, 65%, 59%
XYZ	14.0961, 23.5146, 11.9794
YIQ	113.9460, -36.5800, -41.9240

Conversions

Conversions Part 2

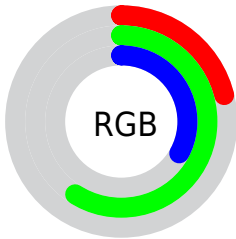
Format	Color
RYB	53, 128, 151
Decimal	3512147
CIELab	55.60, -43.95, 27.61
CIElCh	56, 51.906, 147.863
Yxy	23.5146, 0.2843, 0.4742
Android (android.graphics.Color)	4281702227 (0xFF359753)
YUV	113.9460, -15.2564, -53.4496
Hunter-Lab	48.4919, -32.9725, 19.2973

Details

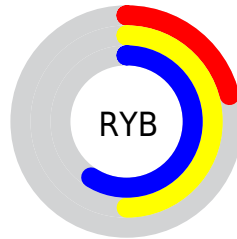
The YUV color **113.9460, -15.2564, -53.4496** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **90.0540, 15.2564, 53.4496**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9740, -17.7352, -51.7202**, and **62.2170, -12.9250, -54.5643** is the 20% darker color. If you saturate the color by 10%, you get **108.3210, -17.4133, -61.6715**, and if you desaturate by 10%, it is **119.5710, -13.0995, -45.2278**.

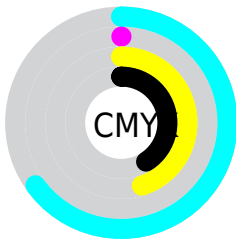
Distribution



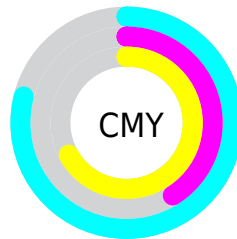
- Red (21%)
- Green (59%)
- Blue (33%)



- Red (21%)
- Yellow (50%)
- Blue (59%)



- Cyan (65%)
- Magenta (0%)
- Yellow (45%)
- Black (41%)



- Cyan (79%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9460, -15.2564, -53.4496 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 113.9460, -15.2564, -53.4496 by changing the saturation by 10% instead.

■ 113.9460,
-15.2564, -53.4496

■ 113.9460,
-15.2564, -53.4496

255.0000, 0.0000,
0.0000

■ 84.5860, -12.6139,
-61.0269

■ 168.9740,
-17.7352, -51.7202

■ 62.2170, -12.9250,
-54.5643

■ 197.4470,
-18.4614, -52.1350

■ 44.9200, -15.7366,
-39.3948

■ 220.9360,
-16.7304, -47.3019

■ 29.3500, -14.4695,
-25.7399

■ 232.5000, -8.6275,
-32.8875

■ 16.4360, -8.1029,
-14.4144

■ 244.7760, -0.3826,
-17.3436

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,

-0.6148

■ 113.9460,
-15.2564, -53.4496

■ 113.9460,
-15.2564, -53.4496

■ 108.3210,
-17.4133, -61.6715

■ 119.5710,
-13.0995, -45.2278

■ 102.5820,
-20.0069, -69.7934

■ 125.3100,
-10.5058, -37.1059

■ 96.9570, -22.1638,
-78.0153

■ 130.9350, -8.3490,
-28.8840

■ 93.8810, -23.6053,
-82.3336

■ 136.6740, -5.7553,
-20.7621

■ 142.5980, -3.7458,
-11.9254

■ 148.3370, -1.1521,
-3.8035

■ 153.9620, 1.0047,
4.4183

■ 159.7010, 3.5984,
12.5402

■ 165.3260, 5.7553,
20.7621

Harmonies

Analogous

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



123.9830, -37.9526, -7.0011



113.9460, -15.2564, -53.4496



105.5770, 11.0545, -92.5910

Triad

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



113.9460, -15.2564, -53.4496



107.0150, 57.1806, -93.8522



131.6410, -18.5570, 72.2288

Complementary

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



113.9460, -15.2564, -53.4496



90.0540, 15.2564, 53.4496

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.



133.1240, 2.4039, 69.1743



113.9460, -15.2564, -53.4496



135.0540, 38.4274, -5.3094

Square

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



113.9460, -15.2564, -53.4496



111.8760, 47.8821, -98.1153



137.1110, 22.1303, 41.9987



130.8350, -36.4007, 55.3957

Rectangle

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



113.9460, -15.2564, -53.4496



109.1110, 24.5953, -95.6903



137.1110, 22.1303, 41.9987



131.4870, -11.5791, 74.1179

Sweetspot

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



113.9460, -15.2564, -53.4496



181.9730, -5.9027, -20.1473



131.1570, -38.5314, -8.0307



90.7120, -3.3090, -12.0254



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



113.9460, -15.2564, -53.4496



138.1690, -23.7473, -83.4632



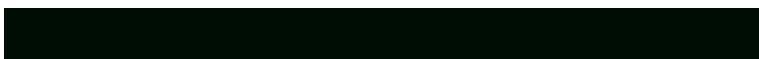
119.4180, 5.7099, -58.2486



73.9240, -1.4415, -4.3183



87.0820, -21.7324, -76.3709



8.0870, -2.0149, -7.0923

Inverse Universe

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



90.0540, 15.2564, 53.4496



100.8310, 23.7473, 83.4632



84.5820, -5.7099, 58.2486



71.9620, 1.0047, 4.4183



52.9180, 21.7324, 76.3709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 113.9460, -15.2564, -53.4496 looks on a white 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

Black Background



This preview shows how the YUV color 113.9460, -15.2564, -53.4496 looks on a black 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

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

YUV 113.9460, -15.2564, -53.4496 Background



This preview shows how black text looks on a background with the YUV color 113.9460, -15.2564, -53.4496.



This preview shows how white text looks on a background with the YUV color 113.9460, -15.2564, -53.4496.

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

113.9460, -15.2564, -53.4496

Protanopia

129.5030, -26.3770, 13.5909

Deuteranopia

131.9370, -21.1679, 22.8573



Tritanopia

123.9220, 14.8285, -42.9046

Trichromacy



Original Color

113.9460, -15.2564, -53.4496

Protanomaly

124.0870, -22.2279, -10.6003

Deuteranomaly

125.6300, -19.0446, -4.9375

Tritanomaly

120.3270, 3.7828, -46.7678

Monochromacy



Original Color

113.9460, -15.2564, -53.4496

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7990, -5.3239, -19.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9460, -15.2564, -53.4496 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(53, 151, 83)` looks like.

```
.text, #text, p{  
    color:rgb(53, 151, 83)  
}
```

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(53, 151, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 151, 83) }
```

Border

The CSS property to change the border of an element to YUV 113.9460, -15.2564, -53.4496 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(53, 151, 83) }
```


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

```
.border{ border-color:rgb(53, 151, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 151, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 151, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 151, 83);  
box-shadow:4px 4px 4px 4px rgb(53, 151,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 113.9460, -15.2564, -53.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 151, 83) }
```

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

```
.background{ background-color: rgb(53, 151,  
83) }
```

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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