

Converting Colors

YUV(104.9460, -15.2564,
-53.4496)

Have a look what the booklet for
YUV(104.9460, -15.2564, -53.4496)
contains.

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Color

**YUV(104.9460, -15.2564,
-53.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	2C8E4A
RGB	44, 142, 74
RGB Percent	17%, 56%, 29%
CMY	0.8275, 0.4431, 0.7098
CMYK	0.69, 0.00, 0.48, 0.44
HSL	138°, 53%, 36%
HSV	138°, 69%, 56%
XYZ	11.9477, 20.3759, 9.7818
YIQ	104.9460, -36.5800, -41.9240

Conversions

Conversions Part 2

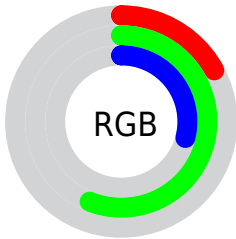
Format	Color
R_{YB}	44, 119, 142
Decimal	2920010
CIE _{Lab}	52.26, -43.75, 28.11
CIE _{LCh}	52, 52.008, 147.277
Yxy	20.3759, 0.2838, 0.4839
Android (android.graphics.Color)	4281110090 (0xFF2C8E4A)
YUV	104.9460, -15.2564, -53.4496
Hunter-Lab	45.1397, -31.7483, 18.7496

Details

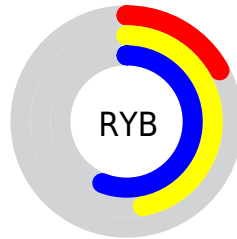
The YUV color **104.9460, -15.2564, -53.4496** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **81.0540, 15.2564, 53.4496**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2730, -17.8826, -51.1054**, and **55.9080, -14.2516, -49.0313** is the 20% darker color. If you saturate the color by 10%, you get **99.6200, -17.5607, -61.0567**, and if you desaturate by 10%, it is **110.2720, -12.9521, -45.8425**.

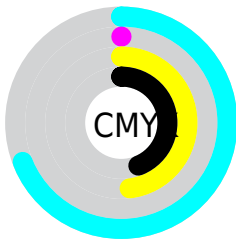
Distribution



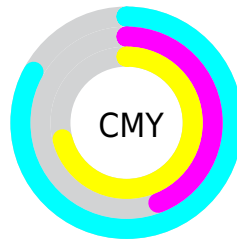
- Red (17%)
- Green (56%)
- Blue (29%)



- Red (17%)
- Yellow (47%)
- Blue (56%)



- Cyan (69%)
- Magenta (0%)
- Yellow (48%)
- Black (44%)



- Cyan (83%)
- Magenta (44%)
- Yellow (71%)
- Black (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.9460, -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 104.9460, -15.2564, -53.4496 by changing the saturation by 10% instead.

■ 104.9460,
-15.2564, -53.4496

■ 104.9460,
-15.2564, -53.4496

■ 255.0000, 0.0000,
0.0000

■ 73.7920, -11.7295,
-64.7156

■ 160.2730,
-17.8826, -51.1054

■ 55.9080, -14.2516,
-49.0313

■ 188.0450,
-18.7562, -50.9055

■ 39.0840, -17.7894,
-34.2767

■ 216.5180,
-19.4824, -51.3203

■ 25.8280, -12.7332,
-22.6512

■ 228.9680,
-11.8162, -36.8059

■ 8.8050, -4.3409,
-7.7220

■ 240.8310, -3.8607,
-21.7768

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 104.9460,
-15.2564, -53.4496

■ 104.9460,
-15.2564, -53.4496

■ 99.6200, -17.5607,
-61.0567

■ 110.2720,
-12.9521, -45.8425

■ 94.2940, -19.8649,
-68.6638

■ 115.5980,
-10.6478, -38.2354

■ 88.6690, -22.0218,
-76.8857

■ 121.2230, -8.4909,
-30.0136

■ 88.2560, -22.3112,
-77.4005

■ 126.4350, -6.6235,
-22.3065

■ 131.7610, -4.3192,
-14.6994

■ 137.0870, -2.0149,
-7.0923

■ 142.4130, 0.2894,
0.5148

■ 148.0380, 2.4463,
8.7367

■ 153.3640, 4.7505,
16.3438

Harmonies

Analogous

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



115.2820, -38.1000, -6.3863



104.9460, -15.2564, -53.4496



99.2680, 9.7279, -87.0580

Triad

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



104.9460, -15.2564, -53.4496



101.2930, 55.5646, -88.8340



121.8690, -17.6834, 72.0289

Complementary

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



104.9460, -15.2564, -53.4496



81.0540, 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.



124.0530, 3.4249, 68.3595



104.9460, -15.2564, -53.4496



126.0430, 38.4328, -7.0537

Square

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



104.9460, -15.2564, -53.4496



105.4530, 46.1187, -92.4823



127.9260, 22.7145, 41.2839



121.9490, -35.9639, 55.2957

Rectangle

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



104.9460, -15.2564, -53.4496



102.8020, 23.2686, -90.1574



127.9260, 22.7145, 41.2839



122.4160, -10.5581, 73.3032

Sweetspot

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



104.9460, -15.2564, -53.4496



169.2610, -6.0447, -21.2769



122.1570, -38.5314, -8.0307



83.2990, -3.5984, -12.5402



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



104.9460, -15.2564, -53.4496



126.1690, -23.7473, -83.4632



110.4180, 5.7099, -58.2486



68.3370, -1.1521, -3.8035



83.9190, -21.1591, -73.5970



4.9240, -1.4415, -4.3183

Inverse Universe

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



81.0540, 15.2564, 53.4496



88.8310, 23.7473, 83.4632



75.5820, -5.7099, 58.2486



66.6630, 1.1521, 3.8035



51.0810, 21.1591, 73.5970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 104.9460, -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 104.9460, -15.2564, -53.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

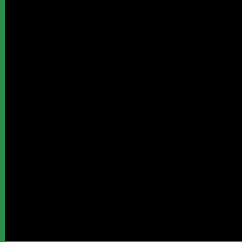
Any Text WCAG AA ✓ Pass

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 104.9460, -15.2564, -53.4496 Background



This preview shows how black text looks on a background with the YUV color 104.9460, -15.2564, -53.4496.



This preview shows how white text looks on a background with the YUV color 104.9460, -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

104.9460, -15.2564, -53.4496

Protanopia

121.2040, -26.2296, 12.9761

Deuteranopia

122.9370, -21.1679, 22.8573



Tritanopia

115.2210, 14.6810, -42.2898

Trichromacy



Original Color

104.9460, -15.2564, -53.4496

Protanomaly

115.6740, -22.5173, -11.1151

Deuteranomaly

116.6300, -19.0446, -4.9375

Tritanomaly

111.6260, 3.6354, -46.1530

Monochromacy



Original Color

104.9460, -15.2564, -53.4496

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7990, -5.3239, -19.1177

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.9460, -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(44, 142, 74)` looks like.

```
.text, #text, p{  
    color:rgb(44, 142, 74)  
}
```

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(44, 142, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 142, 74) }
```

Border

The CSS property to change the border of an element to YUV 104.9460, -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(44, 142, 74) }
```


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

```
.border{ border-color:rgb(44, 142, 74) }
```

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

Here you see how a box with a 4 pixel rgb(44, 142, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 142, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 142, 74);  
box-shadow:4px 4px 4px 4px rgb(44, 142,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 104.9460, -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(44, 142, 74) }
```

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

```
.background{ background-color: rgb(44, 142,  
74) }
```

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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