

Converting Colors

YUV(96.2650, -9.0046, -51.9754)

Have a look what the booklet for
YUV(96.2650, -9.0046, -51.9754)
contains.

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Color

**YUV(96.2650, -9.0046,
-51.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	25824E
RGB	37, 130, 78
RGB Percent	15%, 51%, 31%
CMY	0.8549, 0.4902, 0.6941
CMYK	0.72, 0.00, 0.40, 0.49
HSL	146°, 56%, 33%
HSV	146°, 72%, 51%
XYZ	10.1207, 16.9086, 9.9380
YIQ	96.2650, -38.7360, -35.8880

Conversions

Conversions Part 2

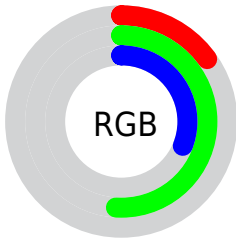
Format	Color
RYB	37, 102, 130
Decimal	2458190
CIELab	48.14, -39.50, 20.55
CIELCh	48, 44.521, 152.517
Yxy	16.9086, 0.2738, 0.4574
Android (android.graphics.Color)	4280648270 (0xFF25824E)
YUV	96.2650, -9.0046, -51.9754
Hunter-Lab	41.1201, -28.0267, 14.4547

Details

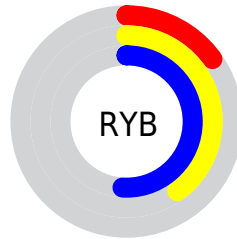
The YUV color **96.2650, -9.0046, -51.9754** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **70.7350, 9.0046, 51.9754**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0050, -11.3415, -49.1164**, and **50.1350, -8.4476, -43.9684** is the 20% darker color. If you saturate the color by 10%, you get **91.5800, -10.1459, -59.2677**, and if you desaturate by 10%, it is **100.9500, -7.8634, -44.6832**.

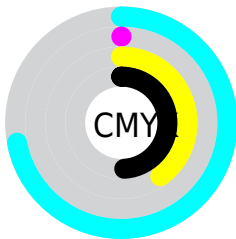
Distribution



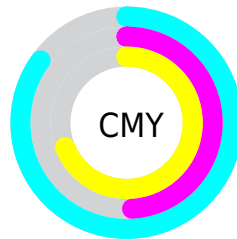
- Red (15%)
- Green (51%)
- Blue (31%)



- Red (15%)
- Yellow (40%)
- Blue (51%)



- Cyan (72%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2650, -9.0046, -51.9754 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 96.2650, -9.0046, -51.9754 by changing the saturation by 10% instead.

■ 96.2650, -9.0046,
-51.9754

■ 96.2650, -9.0046,
-51.9754

255.0000, 0.0000,
0.0000

■ 67.3180, -6.0728,
-59.0379

■ 151.0050,
-11.3415, -49.1164

■ 50.1350, -8.4476,
-43.9684

■ 178.4780,
-12.0677, -49.5312

■ 34.1260, -11.4011,
-29.9285

■ 206.3640,
-12.5045, -49.4312

■ 20.5450, -10.1287,
-18.0180

■ 226.6190, -9.1792,
-42.6389

■ 0.0000, 0.0000,
0.0000

■ 238.5960, -0.7868,
-27.7097

■ 249.3190, 2.8007,

-11.6808

■ 96.2650, -9.0046,
-51.9754

■ 96.2650, -9.0046,
-51.9754

■ 91.5800, -10.1459,
-59.2677

■ 100.9500, -7.8634,
-44.6832

■ 86.7810, -11.7240,
-66.4599

■ 105.7490, -6.2853,
-37.4909

■ 82.8080, -12.7233,
-72.6226

■ 110.4340, -5.1440,
-30.1986

■ 115.1190, -4.0027,
-22.9064

■ 119.8040, -2.8614,
-15.6141

■ 124.6030, -1.2833,
-8.4218

■ 129.2880, -0.1420,
-1.1296

■ 133.9730, 0.9993,
6.1627

■ 138.6580, 2.1406,
13.4549

Harmonies

Analogous

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



105.9530, -29.0638, -11.3598



96.2650, -9.0046, -51.9754



91.2950, 12.1796, -80.0657

Triad

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



96.2650, -9.0046, -51.9754



101.5870, 43.0946, -55.7658



112.9660, -18.2242, 58.7888

Complementary

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



96.2650, -9.0046, -51.9754



70.7350, 9.0046, 51.9754

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.



114.2600, -0.6212, 59.4080



96.2650, -9.0046, -51.9754



116.6330, 30.2539, 2.9529

Square

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



96.2650, -9.0046, -51.9754



95.0690, 41.8710, -83.3755



117.4930, 16.0260, 39.9096



112.4960, -32.2895, 43.4150

Rectangle

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



96.2650, -9.0046, -51.9754



94.2590, 23.5363, -82.6651



117.4930, 16.0260, 39.9096



113.4700, -12.5567, 60.9778

Sweetspot

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



96.2650, -9.0046, -51.9754



155.3690, -3.1399, -19.6176



107.4380, -34.7259, -15.2931



76.3530, -2.1460, -11.7106



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.



96.2650, -9.0046, -51.9754



115.7100, -14.1540, -80.4297



101.5090, 11.0881, -56.5744



61.4510, -0.7153, -3.9035



81.5200, -12.5814, -71.4930



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.7350, 9.0046, 51.9754



76.1760, 13.7172, 80.5296



65.4910, -11.0881, 56.5744



59.5490, 0.7153, 3.9035



46.3660, 12.1446, 71.5930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 96.2650, -9.0046, -51.9754 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 96.2650, -9.0046, -51.9754 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 96.2650, -9.0046, -51.9754 Background



This preview shows how black text looks on a background with the YUV color 96.2650, -9.0046, -51.9754.



This preview shows how white text looks on a background with the YUV color 96.2650, -9.0046,

-51.9754.

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

96.2650, -9.0046, -51.9754

Protanopia

112.0880, -20.2564, 10.4468

Deuteranopia

113.5110, -15.0419, 17.9689



Tritanopia

104.7050, 13.9494, -40.9603

Trichromacy



Original Color

96.2650, -9.0046, -51.9754

Protanomaly

106.3840, -15.9653, -12.6148

Deuteranomaly

107.5140, -13.0714, -7.4668

Tritanomaly

101.7940, 5.5246, -45.4233

Monochromacy



Original Color

96.2650, -9.0046, -51.9754

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9670, -3.4347, -18.3881

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2650, -9.0046, -51.9754 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(37, 130, 78)` looks like.

```
.text, #text, p{  
    color:rgb(37, 130, 78)  
}
```

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(37, 130, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 130, 78) }
```

Border

The CSS property to change the border of an element to YUV 96.2650, -9.0046, -51.9754 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(37, 130, 78) }
```


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

```
.border{ border-color:rgb(37, 130, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 130, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 130, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 130, 78);  
box-shadow:4px 4px 4px 4px rgb(37, 130,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 96.2650, -9.0046, -51.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 130, 78) }
```

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

```
.background{ background-color: rgb(37, 130,  
78) }
```

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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