

Converting Colors

YUV(109.7940, -11.2374,
-35.7763)

Have a look what the booklet for
YUV(109.7940, -11.2374, -35.7763)
contains.

YUV(109.7940, -11.2374, -35.7763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.7940, -11.2374,
-35.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	458757
RGB	69, 135, 87
RGB Percent	27%, 53%, 34%
CMY	0.7294, 0.4706, 0.6588
CMYK	0.49, 0.00, 0.36, 0.47
HSL	136°, 32%, 40%
HSV	136°, 49%, 53%
XYZ	12.8385, 19.2813, 12.0618
YIQ	109.7940, -23.9280, -28.9200

Conversions

Conversions Part 2

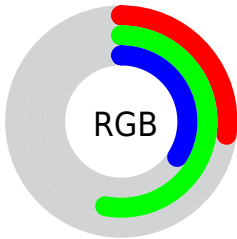
Format	Color
RYB	69, 121, 135
Decimal	4556631
CIELab	51.01, -32.31, 19.49
CIElCh	51, 37.734, 148.904
Yxy	19.2813, 0.2906, 0.4364
Android (android.graphics.Color)	4282746711 (0xFF458757)
YUV	109.7940, -11.2374, -35.7763
Hunter-Lab	43.9104, -24.6535, 14.4509

Details

The YUV color **109.7940, -11.2374, -35.7763** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **94.2060, 11.2374, 35.7763**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7400, -12.6898, -36.6060**, and **58.1570, -8.4584, -40.4797** is the 20% darker color. If you saturate the color by 10%, you get **104.7670, -13.6891, -42.7687**, and if you desaturate by 10%, it is **114.8210, -8.7858, -28.7840**.

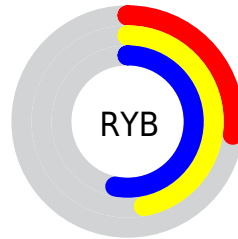
Distribution



Red (27%)

Green (53%)

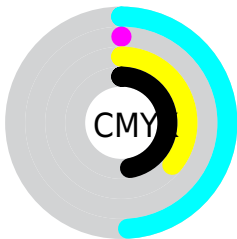
Blue (34%)



Red (27%)

Yellow (47%)

Blue (53%)

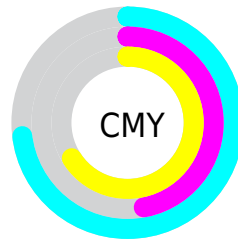


Cyan (49%)

Magenta (0%)

Yellow (36%)

Black (47%)



Cyan (73%)

Magenta (47%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7940, -11.2374, -35.7763 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 109.7940, -11.2374, -35.7763 by changing the saturation by 10% instead.

■ 109.7940,
-11.2374, -35.7763

■ 109.7940,
-11.2374, -35.7763

■ 255.0000, 0.0000,
0.0000

■ 84.0220, -10.3638,
-35.9763

■ 162.7400,
-12.6898, -36.6060

■ 58.1570, -8.4584,
-40.4797

■ 190.3270,
-12.9792, -37.1208

■ 38.0870, -8.9169,
-33.4023

■ 218.2130,
-13.4160, -37.0208

■ 22.8930, -11.2862,
-20.0772

■ 235.6470, -8.2070,
-27.7544

■ 4.1090, -2.0257,
-3.6036

■ 247.5100, -0.2514,
-12.7253

■ 0.0000, 0.0000,
0.0000

■ 109.7940,
-11.2374, -35.7763

■ 109.7940,
-11.2374, -35.7763

■ 104.7670,
-13.6891, -42.7687

■ 114.8210, -8.7858,
-28.7840

■ 99.4410, -15.9934,
-50.3758

■ 120.1470, -6.4815,
-21.1769

■ 94.5280, -18.0083,
-57.4681

■ 125.3590, -4.6140,
-13.4698

■ 89.2020, -20.3126,
-65.0752

■ 130.3860, -2.1623,
-6.4775

■ 84.1750, -22.7643,
-72.0675

■ 135.7120, 0.1420,
1.1296

■ 83.4630, -22.9063,
-73.1971

■ 140.7390, 2.5937,
8.1219

■ 145.7660, 5.0454,
15.1142

■ 151.0920, 7.3496,

22.7213

■ 156.0050, 9.3645,
29.8136

Harmonies

Analogous

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



115.4960, -25.8805, -5.6970



109.7940, -11.2374, -35.7763



94.5720, 12.0430, -82.9396

Triad

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



109.7940, -11.2374, -35.7763



113.1170, 35.9313, -44.8296



122.1330, -14.8556, 51.6264

Complementary

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



109.7940, -11.2374, -35.7763



94.2060, 11.2374, 35.7763

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.



123.7210, 0.1375, 49.3567



109.7940, -11.2374, -35.7763



123.6880, 26.7758, -1.4804

Square

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



109.7940, -11.2374, -35.7763



98.1350, 38.3874, -86.0644



125.3840, 14.6007, 30.3582



120.9670, -26.6057, 40.3709

Rectangle

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



109.7940, -11.2374, -35.7763



97.0800, 21.6526, -85.1392



125.3840, 14.6007, 30.3582



122.6970, -10.2036, 52.8857

Sweetspot

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



109.7940, -11.2374, -35.7763



166.0600, -4.4666, -14.0846



122.0940, -26.1753, -4.4674



82.9620, -2.4463, -8.7367



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



109.7940, -11.2374, -35.7763



136.2400, -17.8663, -56.3385



113.5560, 3.1769, -39.0756



63.6360, -1.2995, -3.1888



80.3000, -22.3329, -70.4231



1.8750, -0.4314, -1.6444

Inverse Universe

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



94.2060, 11.2374, 35.7763



111.7600, 17.8663, 56.3385



90.4440, -3.1769, 39.0756



62.2500, 0.8628, 3.2888



49.7000, 22.3329, 70.4231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 109.7940, -11.2374, -35.7763 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 109.7940, -11.2374, -35.7763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

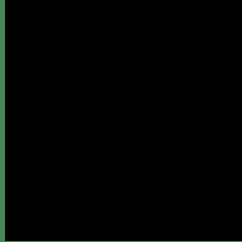
Any Text WCAG AA ✓ Pass

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 109.7940, -11.2374, -35.7763 Background



This preview shows how black text looks on a background with the YUV color 109.7940, -11.2374, -35.7763.



This preview shows how white text looks on a background with the YUV color 109.7940, -11.2374, -35.7763.

-35.7763.

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

109.7940, -11.2374, -35.7763

Protanopia

119.4300, -18.9460, 10.1469

Deuteranopia

120.9240, -14.7525, 18.4837



Tritanopia

115.7880, 11.4435, -30.5091

Trichromacy



Original Color

109.7940, -11.2374, -35.7763

Protanomaly

115.7160, -16.1290, -6.7669

Deuteranomaly

116.8460, -13.2351, -1.6189

Tritanomaly

113.6000, 3.1552, -32.0982

Monochromacy



Original Color

109.7940, -11.2374, -35.7763

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8860, -3.8878, -13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7940, -11.2374, -35.7763 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(69, 135, 87)` looks like.

```
.text, #text, p{  
    color:rgb(69, 135, 87)  
}
```

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(69, 135, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 135, 87) }
```

Border

The CSS property to change the border of an element to YUV 109.7940, -11.2374, -35.7763 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(69, 135, 87) }
```


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

```
.border{ border-color:rgb(69, 135, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 135, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 135, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 135, 87);  
box-shadow:4px 4px 4px 4px rgb(69, 135,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 109.7940, -11.2374, -35.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 135, 87) }
```

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

```
.background{ background-color: rgb(69, 135,  
87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor