

Converting Colors

YUV(115.9740, -21.1862,
-64.8752)

Have a look what the booklet for
YUV(115.9740, -21.1862, -64.8752)
contains.

YUV(115.9740, -21.1862, -64.8752)	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(115.9740, -21.1862,
-64.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	2AA249
RGB	42, 162, 73
RGB Percent	16%, 64%, 29%
CMY	0.8353, 0.3647, 0.7137
CMYK	0.74, 0.00, 0.55, 0.36
HSL	136°, 59%, 40%
HSV	136°, 74%, 64%
XYZ	15.0778, 26.8139, 10.6843
YIQ	115.9740, -42.9510, -53.1190

Conversions

Conversions Part 2

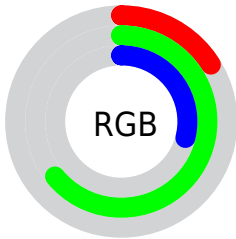
Format	Color
R _Y B	42, 137, 162
Decimal	2794057
CIE Lab	58.80, -51.75, 36.72
CIE LCh	59, 63.457, 144.644
Yxy	26.8139, 0.2868, 0.5100
Android (android.graphics.Color)	4280984137 (0xFF2AA249)
YUV	115.9740, -21.1862, -64.8752
Hunter-Lab	51.7822, -38.6437, 24.0142

Details

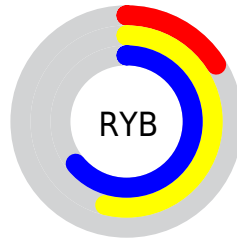
The YUV color **115.9740, -21.1862, -64.8752** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **88.0260, 21.1862, 64.8752**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7960, -24.5494, -59.4571**, and **66.7190, -21.0605, -58.5126** is the 20% darker color. If you saturate the color by 10%, you get **109.8220, -24.0692, -73.5119**, and if you desaturate by 10%, it is **122.1260, -18.3031, -56.2385**.

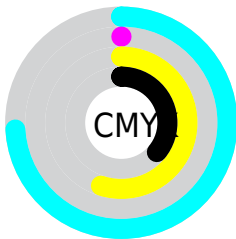
Distribution



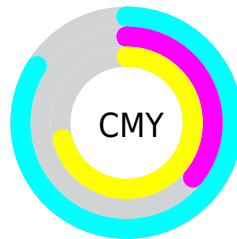
- Red (16%)
- Green (64%)
- Blue (29%)



- Red (16%)
- Yellow (54%)
- Blue (64%)



- Cyan (74%)
- Magenta (0%)
- Yellow (55%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9740, -21.1862, -64.8752 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 115.9740, -21.1862, -64.8752 by changing the saturation by 10% instead.

■ 115.9740,
-21.1862, -64.8752

■ 115.9740,
-21.1862, -64.8752

■ 255.0000, 0.0000,
0.0000

■ 84.8310, -17.6647,
-74.3968

■ 173.7960,
-24.5494, -59.4571

■ 66.7190, -21.0605,
-58.5126

■ 202.4540,
-25.8598, -59.1572

■ 49.3080, -24.3088,
-43.2431

■ 218.8990,
-20.6562, -48.1464

■ 34.6330, -17.0741,
-30.3731

■ 230.7620,
-12.7007, -33.1173

■ 21.7190, -10.7075,
-19.0476

■ 242.7390, -4.3083,
-18.1881

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 115.9740,
-21.1862, -64.8752

■ 115.9740,
-21.1862, -64.8752

■ 109.8220,
-24.0692, -73.5119

■ 122.1260,
-18.3031, -56.2385

■ 103.6700,
-26.9523, -82.1486

■ 128.2780,
-15.4201, -47.6018

■ 99.8820, -28.5358,
-87.5965

■ 134.7290,
-12.6844, -38.3503

■ 140.8810, -9.8013,
-29.7136

■ 147.0330, -6.9183,
-21.0769

■ 153.1850, -4.0352,
-12.4402

■ 159.3370, -1.1521,
-3.8035

■ 165.7880, 1.5835,
5.4479

■ 171.9400, 4.4666,
14.0846

Harmonies

Analogous

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



128.9220, -52.2195, -4.3166



115.9740, -21.1862, -64.8752



112.7350, 8.0186, -98.8686

Triad

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



115.9740, -21.1862, -64.8752



117.4790, 66.8119, -103.0291



136.4630, -18.4693, 90.8019

Complementary

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



115.9740, -21.1862, -64.8752



88.0260, 21.1862, 64.8752

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.



138.8900, 7.4492, 84.2885



115.9740, -21.1862, -64.8752



141.0770, 50.2480, -16.7305

Square

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



115.9740, -21.1862, -64.8752



122.1290, 54.1664, -107.1071



145.3210, 30.4077, 47.0765



137.0990, -43.4328, 70.9502

Rectangle

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



115.9740, -21.1862, -64.8752



117.7680, 24.7644, -103.2825



145.3210, 30.4077, 47.0765



136.4660, -9.5967, 91.6763

Sweetspot

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



115.9740, -21.1862, -64.8752



193.9570, -8.3598, -25.3953



139.3500, -47.9935, -6.4459



96.2340, -5.0454, -15.1142



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



115.9740, -21.1862, -64.8752



139.5290, -33.2918, -102.1959



122.7000, 4.5849, -70.7739



78.6250, -1.2941, -4.9331



89.4470, -25.3634, -78.4450



11.1360, -3.0250, -9.7663

Inverse Universe

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



88.0260, 21.1862, 64.8752



95.4710, 33.2918, 102.1959



81.3000, -4.5849, 70.7739



76.3750, 1.2941, 4.9331



55.6670, 25.8002, 78.3450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 115.9740, -21.1862, -64.8752 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 115.9740, -21.1862, -64.8752 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 115.9740, -21.1862, -64.8752 Background



This preview shows how black text looks on a background with the YUV color 115.9740, -21.1862, -64.8752.



This preview shows how white text looks on a background with the YUV color 115.9740, -21.1862, -64.8752.

-64.8752.

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

115.9740, -21.1862, -64.8752

Protanopia

136.9350, -34.9710, 16.7200

Deuteranopia

138.9070, -29.0412, 28.1456



Tritanopia

130.1600, 17.1761, -49.2523

Trichromacy



Original Color

115.9740, -21.1862, -64.8752



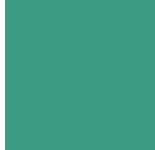
Protanomaly

129.7140, -29.9320, -12.9042



Deuteranomaly

130.3820, -26.3173, -5.5970



Tritanomaly

125.1580, 3.3731, -55.3896

Monochromacy



Original Color

115.9740, -21.1862, -64.8752



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.0820, -7.9284, -23.7509

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9740, -21.1862, -64.8752 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(42, 162, 73)` looks like.

```
.text, #text, p{  
    color:rgb(42, 162, 73)  
}
```

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(42, 162, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 162, 73) }
```

Border

The CSS property to change the border of an element to YUV 115.9740, -21.1862, -64.8752 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(42, 162, 73) }
```


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

```
.border{ border-color:rgb(42, 162, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 162, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 162, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 162, 73);  
box-shadow:4px 4px 4px 4px rgb(42, 162,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 115.9740, -21.1862, -64.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 162, 73) }
```

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

```
.background{ background-color: rgb(42, 162,  
73) }
```

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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