

Converting Colors

YUV(101.8610, -18.6655,
107.1159)

Have a look what the booklet for
YUV(101.8610, -18.6655, 107.1159)
contains.

YUV(101.8610, -18.6655, 107.1159)	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(101.8610, -18.6655,
107.1159)**

Conversions

Conversions Part 1

Format	Color
Hex	E02F40
RGB	224, 47, 64
RGB Percent	88%, 18%, 25%
CMY	0.1216, 0.8157, 0.7490
CMYK	0.00, 0.79, 0.71, 0.12
HSL	354°, 74%, 53%
HSV	354°, 79%, 88%
XYZ	32.6824, 18.2505, 6.6506
YIQ	101.8610, 100.0350, 42.8110

Conversions

Conversions Part 2

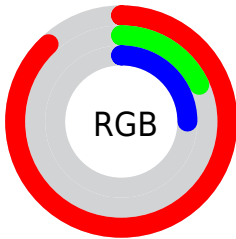
Format	Color
RYB	224, 47, 64
Decimal	14692160
CIELab	49.80, 66.68, 34.68
CIELCh	50, 75.157, 27.481
Yxy	18.2505, 0.5676, 0.3169
Android (android.graphics.Color)	4292882240 (0xFFE02F40)
YUV	101.8610, -18.6655, 107.1159
Hunter-Lab	42.7206, 61.7963, 20.6743

Details

The YUV color **101.8610, -18.6655, 107.1159** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **169.1390, 18.6655, -107.1159**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5830, -20.5004, 88.9427**, and **50.2340, -14.4124, 96.2648** is the 20% darker color. If you saturate the color by 10%, you get **86.6670, -21.0348, 120.4410**, and if you desaturate by 10%, it is **117.0550, -16.2961, 93.7908**.

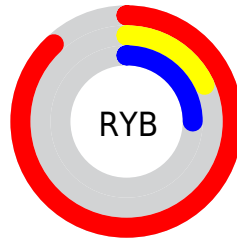
Distribution



Red (88%)

Green (18%)

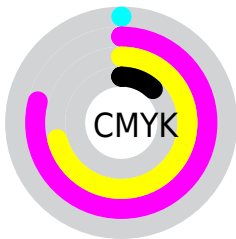
Blue (25%)



Red (88%)

Yellow (18%)

Blue (25%)

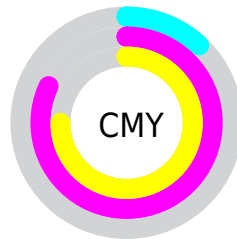


Cyan (0%)

Magenta (79%)

Yellow (71%)

Black (12%)



Cyan (12%)


Magenta (82%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.8610, -18.6655, 107.1159 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 101.8610, -18.6655, 107.1159 by changing the saturation by 10% instead.


 101.8610,
-18.6655, 107.1159


 101.8610,
-18.6655, 107.1159


255.0000, 0.0000,
0.0000


 62.1960, -9.9566,
113.8381


 153.5830,
-20.5004, 88.9427


 50.2340, -14.4124,
96.2648


 173.4560,
-17.9728, 71.5141

 38.5710, -19.0155,
79.3062


 193.5570,
-14.5716, 53.8855

 29.3020, -14.4459,
60.2481

 213.6580,
-11.1704, 36.2569

 20.9730, -8.8607,
42.1197

 233.8730, -7.3324,
18.5284

 10.8780, -4.8699,
22.0320

 254.0880, -3.4944,

 0.0000, 0.0000,

0.7998

0.0000

■ 101.8610,
-18.6655, 107.1159

■ 101.8610,
-18.6655, 107.1159

■ 86.6670, -21.0348,
120.4410

■ 117.0550,
-16.2961, 93.7908

■ 70.8860, -23.1148,
134.2810

■ 132.8360,
-14.2161, 79.9508

■ 69.4840, -23.4096,
135.5105


■ 148.1440,
-11.4100, 66.5257


■ 163.9250, -9.3300,
52.6858

■ 179.1190, -6.9607,
39.3606

■ 194.3130, -4.5913,
26.0355

 210.2080, -2.0745,
12.0956

 225.4020, 0.2948,
-1.2296

 241.1830, 2.3748,
-15.0695

Harmonies

Analogous

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



97.8900, 14.3512, 110.5985



101.8610, -18.6655, 107.1159



109.0860, -53.7794, 76.2236

Triad

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



101.8610, -18.6655, 107.1159



87.5550, -22.4586, -76.7857



103.9950, 70.9945, -91.2036

Complementary

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



101.8610, -18.6655, 107.1159



169.1390, 18.6655, -107.1159

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.



108.5310, 57.9122, -95.1817



101.8610, -18.6655, 107.1159



97.7690, 6.5229, -85.7434

Square

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



101.8610, -18.6655, 107.1159



103.1980, -50.8766, -15.0826



105.7660, 34.6254, -92.7568



116.3140, 57.5262, -17.8154

Rectangle

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



101.8610, -18.6655, 107.1159



111.8560, -55.1450, 47.4843



105.7660, 34.6254, -92.7568



106.4740, 67.8003, -93.3777

Sweetspot

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



101.8610, -18.6655, 107.1159



212.9230, -6.3710, 36.9015



114.7190, 53.8755, 80.0534



102.4050, -4.1437, 22.4468



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



101.8610, -18.6655, 107.1159



87.9800, -25.6261, 146.4765



141.6000, -46.6378, 72.2648



104.4030, -1.1847, 6.6626



54.5620, -18.5181, 106.5011



14.9220, -4.8915, 29.0094

Inverse Universe

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



101.8610, -18.6655, 107.1159



87.9800, -25.6261, 146.4765



129.4000, 46.6378, -72.2648



104.4030, -1.1847, 6.6626



54.5620, -18.5181, 106.5011



14.9220, -4.8915, 29.0094

Previews

White Background



This preview shows how the YUV color 101.8610, -18.6655, 107.1159 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 101.8610, -18.6655, 107.1159 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 101.8610, -18.6655, 107.1159 Background



This preview shows how black text looks on a background with the YUV color 101.8610, -18.6655, 107.1159.



This preview shows how white text looks on a background with the YUV color 101.8610, -18.6655, 107.1159.

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

101.8610, -18.6655, 107.1159

Protanopia

118.2710, -14.4306, 8.5323

Deuteranopia

116.4400, -30.7829, 26.8011



Tritanopia

102.0260, -25.6488, 106.9712

Trichromacy



Original Color

101.8610, -18.6655, 107.1159

Protanomaly

112.4480, -15.9969, 44.3341

Deuteranomaly

111.1800, -26.2177, 55.9701

Tritanomaly

102.0090, -23.1754, 106.9861

Monochromacy



Original Color

101.8610, -18.6655, 107.1159

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8200, -6.8133, 38.7459

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.8610, -18.6655, 107.1159 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(224, 47, 64)` looks like.

```
.text, #text, p{  
    color:rgb(224, 47, 64)  
}
```

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(224, 47, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 47, 64) }
```

Border

The CSS property to change the border of an element to YUV 101.8610, -18.6655, 107.1159 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(224, 47, 64) }
```


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

```
.border{ border-color:rgb(224, 47, 64) }
```

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

Here you see how a box with a 4 pixel rgb(224, 47, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 47, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 47, 64);  
box-shadow:4px 4px 4px 4px rgb(224, 47,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 101.8610, -18.6655, 107.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 47, 64) }
```

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

```
.background{ background-color: rgb(224, 47,  
64) }
```

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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