

Converting Colors

YUV(104.5660, -11.1250,
115.2676)

Have a look what the booklet for
YUV(104.5660, -11.1250, 115.2676)
contains.

YUV(104.5660, -11.1250, 115.2676)	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(104.5660, -11.1250,
115.2676)**

Conversions

Conversions Part 1

Format	Color
Hex	EC2A52
RGB	236, 42, 82
RGB Percent	93%, 16%, 32%
CMY	0.0745, 0.8353, 0.6784
CMYK	0.00, 0.82, 0.65, 0.07
HSL	348°, 84%, 55%
HSV	348°, 82%, 93%
XYZ	36.9430, 20.0980, 9.9148
YIQ	104.5660, 102.7840, 53.5680

Conversions

Conversions Part 2

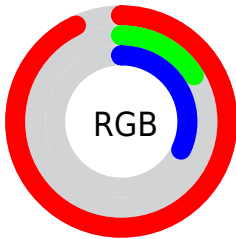
Format	Color
R_{YB}	236, 42, 82
Decimal	15477330
CIE _{Lab}	51.95, 72.02, 27.17
CIE _{LCh}	52, 76.972, 20.672
Yxy	20.0980, 0.5518, 0.3002
Android (android.graphics.Color)	4293667410 (0xFFEC2A52)
YUV	104.5660, -11.1250, 115.2676
Hunter-Lab	44.8308, 68.6399, 18.2689

Details

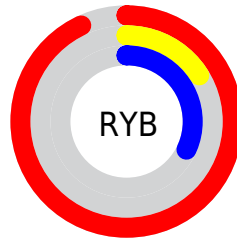
The YUV color **104.5660, -11.1250, 115.2676** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **173.4340, 11.1250, -115.2676**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1620, -11.9119, 87.5579**, and **55.7600, -8.7557, 101.9425** is the 20% darker color. If you saturate the color by 10%, you get **88.3120, -12.4788, 129.5224**, and if you desaturate by 10%, it is **120.8200, -9.7713, 101.0129**.

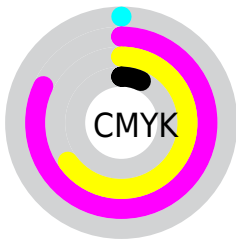
Distribution



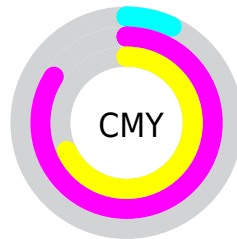
- Red (93%)
- Green (16%)
- Blue (32%)



- Red (93%)
- Yellow (16%)
- Blue (32%)



- Cyan (0%)
- Magenta (82%)
- Yellow (65%)
- Black (7%)





- Cyan (7%)
- Magenta (84%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.5660, -11.1250, 115.2676 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 104.5660, -11.1250, 115.2676 by changing the saturation by 10% instead.


 104.5660,
-11.1250, 115.2676


 104.5660,
-11.1250, 115.2676


255.0000, 0.0000,
0.0000

 67.7220, -4.2999,
119.5158


 155.1620,
-11.9119, 87.5579


 55.7600, -8.7557,
101.9425


 175.1490, -8.9475,
70.0293

 44.3250, -12.4852,
84.7840


 195.8370, -5.8356,
51.8860

 32.7050, -15.6306,
66.9107

 216.6390, -2.2870,
33.6426

 23.9630, -10.3348,
48.2674

 237.4410, 1.2616,
15.3992

 14.5800, -6.2019,
29.3093

 0.0000, 0.0000,

0.0000

■ 104.5660,
-11.1250, 115.2676

■ 104.5660,
-11.1250, 115.2676

■ 88.3120, -12.4788,
129.5224

■ 120.8200, -9.7713,
101.0129

■ 76.1500, -13.3849,
140.1885


■ 136.3730, -8.5649,
87.3729

■ 152.6270, -7.2111,
73.1181


■ 168.2940, -5.5679,
59.3782

■ 184.5480, -4.2142,
45.1234

■ 200.6880, -3.2972,
30.9686

 216.3550, -1.6540,
17.2287

 232.6090, -0.3002,
2.9739

 248.2760, 1.3429,
-10.7661

Harmonies

Analogous

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



107.2360, 19.6037, 105.9100



104.5660, -11.1250, 115.2676



112.7760, -50.1756, 87.0194

Triad

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



104.5660, -11.1250, 115.2676



88.0790, -30.6049, -77.2453



110.0760, 71.4475, -96.5367

Complementary

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



104.5660, -11.1250, 115.2676



173.4340, 11.1250, -115.2676

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.



113.2270, 55.5971, -99.3001



104.5660, -11.1250, 115.2676



100.0370, -0.0182, -87.7324

Square

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



104.5660, -11.1250, 115.2676



110.6510, -54.5509, -3.2019



108.4900, 29.8314, -95.1457



113.2220, 66.9386, -50.1837

Rectangle

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



104.5660, -11.1250, 115.2676



116.0640, -57.2196, 59.5799



108.4900, 29.8314, -95.1457



112.3270, 67.3798, -98.5108

Sweetspot

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



104.5660, -11.1250, 115.2676



211.6180, -3.7557, 38.0460



109.5640, 62.3329, 74.0504



101.5730, -2.2545, 23.1765



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.



104.5660, -11.1250, 115.2676



84.2760, -14.4331, 149.7249



132.2910, -44.5135, 90.9528



109.5170, -0.7479, 6.5626



58.3370, -10.5191, 107.5755



17.4000, -3.1552, 32.0982

Inverse Universe

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



104.5660, -11.1250, 115.2676



84.2760, -14.4331, 149.7249



145.7090, 44.5135, -90.9528



109.5170, -0.7479, 6.5626



58.3370, -10.5191, 107.5755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 104.5660, -11.1250, 115.2676 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 104.5660, -11.1250, 115.2676 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 104.5660, -11.1250, 115.2676 Background



This preview shows how black text looks on a background with the YUV color 104.5660, -11.1250, 115.2676.



This preview shows how white text looks on a background with the YUV color 104.5660, -11.1250, 115.2676.

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

104.5660, -11.1250, 115.2676

Protanopia

124.4690, -4.6682, 3.9737

Deuteranopia

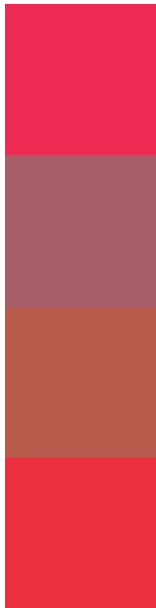
123.2100, -25.2465, 24.3718



Tritanopia

105.3150, -27.2703, 113.7337

Trichromacy



Original Color

104.5660, -11.1250, 115.2676

Protanomaly

117.1520, -6.9769, 44.5937

Deuteranomaly

116.4990, -19.9660, 57.4444

Tritanomaly

104.9220, -21.1605, 114.0784

Monochromacy



Original Color

104.5660, -11.1250, 115.2676

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9390, -3.9139, 42.1495

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5660, -11.1250, 115.2676 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(236, 42, 82)` looks like.

```
.text, #text, p{  
  color:rgb(236, 42, 82)  
}
```

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(236, 42, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 42, 82) }
```

Border

The CSS property to change the border of an element to YUV 104.5660, -11.1250, 115.2676 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(236, 42, 82) }
```


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

```
.border{ border-color:rgb(236, 42, 82) }
```

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

Here you see how a box with a 4 pixel rgb(236, 42, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 42, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 42, 82);  
box-shadow:4px 4px 4px 4px rgb(236, 42,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 104.5660, -11.1250, 115.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 42, 82) }
```

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

```
.background{ background-color: rgb(236, 42,  
82) }
```

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