

Converting Colors

YUV(100.9110, -17.7041,
125.4891)

Have a look what the booklet for
YUV(100.9110, -17.7041, 125.4891)
contains.

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Color

**YUV(100.9110, -17.7041,
125.4891)**

Conversions

Conversions Part 1

Format	Color
Hex	F42341
RGB	244, 35, 65
RGB Percent	96%, 14%, 25%
CMY	0.0431, 0.8627, 0.7451
CMYK	0.00, 0.86, 0.73, 0.04
HSL	351°, 90%, 55%
HSV	351°, 86%, 96%
XYZ	38.8634, 20.8168, 6.9707
YIQ	100.9110, 114.9340, 53.6380

Conversions

Conversions Part 2

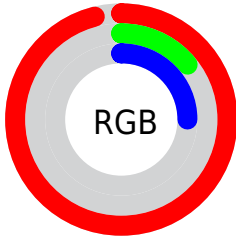
Format	Color
R_{YB}	244, 35, 65
Decimal	15999809
CIE _{Lab}	52.75, 74.78, 38.52
CIE _{LCh}	53, 84.121, 27.255
Yxy	20.8168, 0.5831, 0.3123
Android (android.graphics.Color)	4294189889 (0xFFFF42341)
YUV	100.9110, -17.7041, 125.4891
Hunter-Lab	45.6254, 72.2004, 22.8794

Details

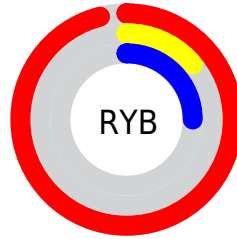
The YUV color **100.9110, -17.7041, 125.4891** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **178.0890, 17.7041, -125.4891**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3490, -18.9061, 90.9019**, and **56.0290, -16.7763, 107.8456** is the 20% darker color. If you saturate the color by 10%, you get **84.4290, -19.9315, 139.9438**, and if you desaturate by 10%, it is **117.3930, -15.4767, 111.0343**.

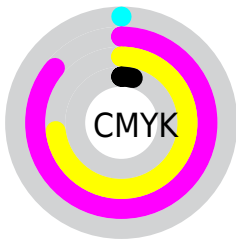
Distribution



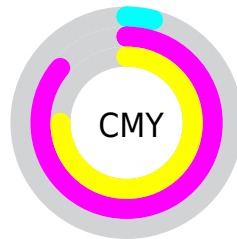
- Red (96%)
- Green (14%)
- Blue (25%)



- Red (96%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (86%)
- Yellow (73%)
- Black (4%)





- Cyan (4%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.9110, -17.7041, 125.4891 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 100.9110, -17.7041, 125.4891 by changing the saturation by 10% instead.


 100.9110,
-17.7041, 125.4891


 100.9110,
-17.7041, 125.4891


255.0000, 0.0000,
0.0000


 67.9910, -12.3206,
125.4189


 151.3490,
-18.9061, 90.9019


 56.0290, -16.7763,
107.8456


 171.8090,
-16.6678, 72.9585

 43.9530, -21.6688,
90.3722


 192.4970,
-13.5560, 54.8151

 34.4990, -16.5150,
70.5994

 213.1850,
-10.4442, 36.6718

 25.4580, -11.0718,
51.3413

 233.9870, -6.8956,
18.4284

 16.0750, -6.9390,
32.3832

 254.2020, -3.0576,

 0.2990, -0.1474,

0.6998

0.6148

■ 0.0000, 0.0000,
0.0000

■ 100.9110,
-17.7041, 125.4891

■ 100.9110,
-17.7041, 125.4891

■ 84.4290, -19.9315,
139.9438

■ 117.3930,
-15.4767, 111.0343

■ 76.9460, -20.6794,
146.5064

■ 134.4620,
-13.5388, 96.0648


■ 150.9440,
-11.3114, 81.6101


■ 168.0130, -9.3734,
66.6406

■ 184.3810, -7.5828,
52.2859

 200.8630, -5.3555,
37.8311

 217.9320, -3.4175,
22.8616

 234.4140, -1.1901,
8.4069

 251.4830, 0.7479,
-6.5626

Harmonies

Analogous

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



88.7590, 23.2898, 137.0234



100.9110, -17.7041, 125.4891



115.0440, -56.7167, 85.0304

Triad

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



100.9110, -17.7041, 125.4891



92.8550, -27.5365, -81.4338



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.



100.9110, -17.7041, 125.4891



178.0890, 17.7041, -125.4891

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.



117.4960, 64.3385, -103.0440



100.9110, -17.7041, 125.4891



104.3230, 6.2498, -91.4913

Square

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



100.9110, -17.7041, 125.4891



109.0790, -53.7759, -18.4863



113.3460, 38.2834, -99.4044



122.0450, 65.5468, -23.7185

Rectangle

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



100.9110, -17.7041, 125.4891



118.9660, -58.6502, 51.7728



113.3460, 38.2834, -99.4044



113.5980, 69.7112, -99.6254

Sweetspot

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



100.9110, -17.7041, 125.4891



209.7600, -5.7977, 39.6755



112.0480, 65.0523, 88.5349



100.6440, -3.2755, 23.9912



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.



100.9110, -17.7041, 125.4891



80.4630, -21.4273, 153.0689



140.3420, -51.9336, 90.9081



113.8160, -0.8953, 7.1774



58.6920, -15.6242, 111.6491



18.5530, -5.2026, 35.4720

Inverse Universe

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



100.9110, -17.7041, 125.4891



80.4630, -21.4273, 153.0689



138.6580, 51.9336, -90.9081



113.8160, -0.8953, 7.1774



58.6920, -15.6242, 111.6491



18.5530, -5.2026, 35.4720

Previews

White Background



This preview shows how the YUV color 100.9110, -17.7041, 125.4891 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 100.9110, -17.7041, 125.4891 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 100.9110, -17.7041, 125.4891 Background



This preview shows how black text looks on a background with the YUV color 100.9110, -17.7041, 125.4891.



This preview shows how white text looks on a background with the YUV color 100.9110, -17.7041, 125.4891.

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

100.9110, -17.7041, 125.4891

Protanopia

125.3420, -15.4516, 9.3471

Deuteranopia

123.3110, -35.1563, 29.5453



Tritanopia

101.1700, -30.6498, 124.3849

Trichromacy



Original Color

100.9110, -17.7041, 125.4891

Protanomaly

116.3780, -16.4554, 51.4115

Deuteranomaly

115.2520, -28.7182, 64.6770

Tritanomaly

101.0220, -26.1398, 124.5147

Monochromacy



Original Color

100.9110, -17.7041, 125.4891

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9780, -6.3982, 45.6233

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9110, -17.7041, 125.4891 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(244, 35, 65)` looks like.

```
.text, #text, p{  
  color:rgb(244, 35, 65)  
}
```

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(244, 35, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 35, 65) }
```

Border

The CSS property to change the border of an element to YUV 100.9110, -17.7041, 125.4891 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(244, 35, 65) }
```


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

```
.border{ border-color:rgb(244, 35, 65) }
```

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

Here you see how a box with a 4 pixel rgb(244, 35, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 35, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 35, 65);  
box-shadow:4px 4px 4px 4px rgb(244, 35,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 100.9110, -17.7041, 125.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 35, 65) }
```

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

```
.background{ background-color: rgb(244, 35,  
65) }
```

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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