

Converting Colors

YUV(109.5950, -18.5343,
111.7342)

Have a look what the booklet for
YUV(109.5950, -18.5343, 111.7342)
contains.

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Color

**YUV(109.5950, -18.5343,
111.7342)**

Conversions

Conversions Part 1

Format	Color
Hex	ED3448
RGB	237, 52, 72
RGB Percent	93%, 20%, 28%
CMY	0.0706, 0.7961, 0.7176
CMYK	0.00, 0.78, 0.70, 0.07
HSL	354°, 84%, 57%
HSV	354°, 78%, 93%
XYZ	37.3227, 20.9284, 8.2033
YIQ	109.5950, 103.8400, 45.4400

Conversions

Conversions Part 2

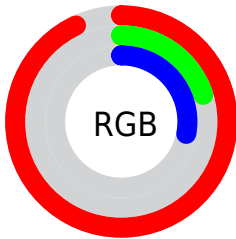
Format	Color
R_{YB}	237, 52, 72
Decimal	15545416
CIE Lab	52.87, 69.28, 34.27
CIE LCh	53, 77.296, 26.320
Yxy	20.9284, 0.5616, 0.3149
Android (android.graphics.Color)	4293735496 (0xFFED3448)
YUV	109.5950, -18.5343, 111.7342
Hunter-Lab	45.7476, 65.5694, 21.3915

Details

The YUV color **109.5950, -18.5343, 111.7342** 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 **179.4050, 18.5343, -111.7342**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5440, -18.0162, 85.4689**, and **55.0330, -12.8343, 103.4571** is the 20% darker color. If you saturate the color by 10%, you get **93.1130, -20.7617, 126.1889**, and if you desaturate by 10%, it is **126.0770, -16.3070, 97.2795**.

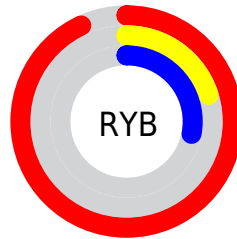
Distribution



Red (93%)

Green (20%)

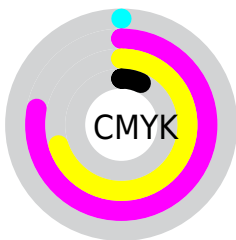
Blue (28%)



Red (93%)

Yellow (20%)

Blue (28%)

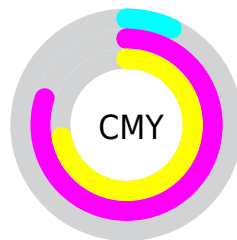


Cyan (0%)

Magenta (78%)

Yellow (70%)

Black (7%)



Cyan (7%)

Magenta (80%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5950, -18.5343, 111.7342 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 109.5950, -18.5343, 111.7342 by changing the saturation by 10% instead.

■ 109.5950,
-18.5343, 111.7342

■ 109.5950,
-18.5343, 111.7342

255.0000, 0.0000,
0.0000

■ 66.9950, -8.3785,
121.0304

■ 157.5440,
-18.0162, 85.4689

■ 55.0330, -12.8343,
103.4571

■ 177.4170,
-15.4886, 68.0403

■ 42.8430, -18.1636,
86.0837

■ 197.5180,
-12.0874, 50.4117

■ 32.8900, -16.2148,
67.6255

■ 218.2060, -8.9756,
32.2683

■ 24.2620, -10.4822,
48.8822

■ 239.0080, -5.4269,
14.0250

■ 14.8790, -6.3493,
29.9241

■ 0.0000, 0.0000,

0.0000

■ 109.5950,
-18.5343, 111.7342

■ 109.5950,
-18.5343, 111.7342

■ 93.1130, -20.7617,
126.1889

■ 126.0770,
-16.3070, 97.2795

■ 77.2180, -23.2785,
140.1288

■ 141.9720,
-13.7902, 83.3396

■ 73.8270, -23.5787,
143.1027


■ 158.4540,
-11.5628, 68.8848


■ 175.0500, -8.8986,
54.3302

■ 191.5320, -6.6713,
39.8754

■ 207.4270, -4.1545,
25.9355

 223.9090, -1.9271,
11.4808

 240.3910, 0.3002,
-2.9739

 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



107.3140, 14.6352, 112.8576



109.5950, -18.5343, 111.7342



115.6090, -56.9952, 81.0269

Triad

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



109.5950, -18.5343, 111.7342



92.4790, -23.9001, -81.1041



109.4890, 71.7369, -96.0219

Complementary

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



109.5950, -18.5343, 111.7342



179.4050, 18.5343, -111.7342

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.



115.0680, 60.1125, -100.9146



109.5950, -18.5343, 111.7342



103.6220, 6.1024, -90.8765

Square

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



109.5950, -18.5343, 111.7342



110.2970, -54.3764, -12.5385



111.9610, 35.5152, -98.1898



123.2040, 61.0314, -22.1039

Rectangle

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



109.5950, -18.5343, 111.7342



118.9660, -58.6502, 51.7728



111.9610, 35.5152, -98.1898



113.0110, 70.0006, -99.1106

Sweetspot

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



109.5950, -18.5343, 111.7342



214.4390, -5.6394, 35.5720



121.8270, 56.7803, 81.7127



103.2200, -3.5595, 21.7321



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.



109.5950, -18.5343, 111.7342



89.7240, -24.0209, 144.9471



148.9920, -47.8171, 77.1830



109.4030, -1.1847, 6.6626



56.3990, -17.9447, 109.2751



16.8300, -5.3392, 32.5981

Inverse Universe

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



109.5950, -18.5343, 111.7342



89.7240, -24.0209, 144.9471



140.0080, 47.8171, -77.1830



109.4030, -1.1847, 6.6626



56.3990, -17.9447, 109.2751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 109.5950, -18.5343, 111.7342 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 109.5950, -18.5343, 111.7342 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 109.5950, -18.5343, 111.7342 Background



This preview shows how black text looks on a background with the YUV color 109.5950, -18.5343, 111.7342.



This preview shows how white text looks on a background with the YUV color 109.5950, -18.5343, 111.7342.

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

109.5950, -18.5343, 111.7342

Protanopia

125.6130, -13.1202, 8.2324

Deuteranopia

124.7390, -30.9303, 27.4159



Tritanopia

109.2330, -26.2439, 111.1747

Trichromacy



Original Color

109.5950, -18.5343, 111.7342

Protanomaly

119.6870, -15.1287, 45.8785

Deuteranomaly

119.1910, -26.2232, 57.7145

Tritanomaly

109.3300, -23.3337, 111.0896

Monochromacy



Original Color

109.5950, -18.5343, 111.7342

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8310, -6.8187, 40.4902

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5950, -18.5343, 111.7342 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(237, 52, 72)` looks like.

```
.text, #text, p{  
    color:rgb(237, 52, 72)  
}
```

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(237, 52, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 52, 72) }
```

Border

The CSS property to change the border of an element to YUV 109.5950, -18.5343, 111.7342 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(237, 52, 72) }
```


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

```
.border{ border-color:rgb(237, 52, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 52, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 52, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 52, 72);  
box-shadow:4px 4px 4px 4px rgb(237, 52,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 109.5950, -18.5343, 111.7342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 52, 72) }
```

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

```
.background{ background-color: rgb(237, 52,  
72) }
```

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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