

Converting Colors

YUV(107.6350, -25.9491,
109.9451)

Have a look what the booklet for
YUV(107.6350, -25.9491, 109.9451)
contains.

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Color

**YUV(107.6350, -25.9491,
109.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	E93637
RGB	233, 54, 55
RGB Percent	91%, 21%, 22%
CMY	0.0863, 0.7882, 0.7843
CMYK	0.00, 0.77, 0.76, 0.09
HSL	360°, 80%, 56%
HSV	360°, 77%, 91%
XYZ	35.6130, 20.2378, 5.6437
YIQ	107.6350, 106.3630, 38.2590

Conversions

Conversions Part 2

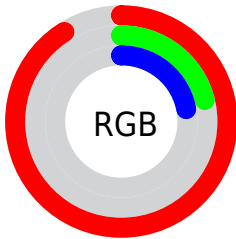
Format	Color
R_{YB}	233, 54, 55
Decimal	15283767
CIE Lab	52.11, 66.91, 42.85
CIE LCh	52, 79.453, 32.639
Yxy	20.2378, 0.5791, 0.3291
Android (android.graphics.Color)	4293473847 (0xFFE93637)
YUV	107.6350, -25.9491, 109.9451
Hunter-Lab	44.9865, 62.5813, 24.0524

Details

The YUV color **107.6350, -25.9491, 109.9451** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **179.3650, 25.9491, -109.9451**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4920, -25.8786, 87.2685**, and **51.7850, -20.1070, 102.7976** is the 20% darker color. If you saturate the color by 10%, you get **91.5120, -29.3394, 124.0850**, and if you desaturate by 10%, it is **123.7580, -22.5587, 95.8052**.

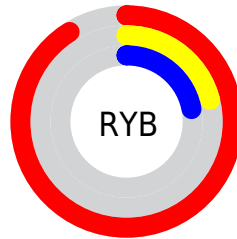
Distribution



Red (91%)

Green (21%)

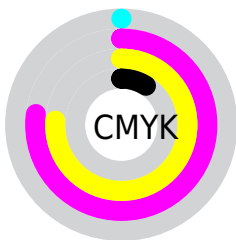
Blue (22%)



Red (91%)

Yellow (21%)

Blue (22%)

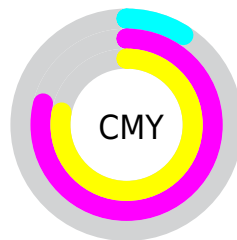


Cyan (0%)

Magenta (77%)

Yellow (76%)

Black (9%)



Cyan (9%)

Magenta (79%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6350, -25.9491, 109.9451 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 107.6350, -25.9491, 109.9451 by changing the saturation by 10% instead.

■ 107.6350,
-25.9491, 109.9451

■ 107.6350,
-25.9491, 109.9451

■ 255.0000, 0.0000,
0.0000

■ 66.2090, -16.3720,
118.2117

■ 155.4920,
-25.8786, 87.2685

■ 51.7850, -20.1070,
102.7976

■ 175.3650,
-23.3509, 69.8399

■ 40.9630, -20.1948,
84.2244

■ 195.3520,
-20.3865, 52.3113

■ 31.3950, -15.4777,
64.5516

■ 216.0400,
-17.2747, 34.1679

■ 23.0660, -9.8925,
46.4231

■ 236.2550,
-13.4367, 16.4394

■ 13.5690, -6.1965,
27.5650

■ 252.9480, -7.8624,

■ 0.0000, 0.0000,

1.7996

0.0000

■ 107.6350,
-25.9491, 109.9451

■ 107.6350,
-25.9491, 109.9451

■ 91.5120, -29.3394,
124.0850

■ 123.7580,
-22.5587, 95.8052

■ 74.8020, -32.4404,
138.7396

■ 140.4680,
-19.4577, 81.1506

■ 69.7810, -33.9090,
143.1431

■ 156.7050,
-15.6306, 66.9107

■ 172.8280,
-12.2402, 52.7708

■ 189.5380, -9.1392,
38.1162

■ 205.6610, -5.7489,
23.9763

■ 221.7840, -2.3585,
9.8364

■ 237.9070, 1.0318,
-4.3034

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



95.8210, 12.4132, 125.5680



107.6350, -25.9491, 109.9451



115.2660, -56.8261, 73.4347

Triad

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



107.6350, -25.9491, 109.9451



93.8470, -18.6586, -82.3038



106.5540, 73.1839, -93.4479

Complementary

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



107.6350, -25.9491, 109.9451



179.3650, 25.9491, -109.9451

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.



114.3330, 64.9118, -100.2700



107.6350, -25.9491, 109.9451



104.5170, 12.0701, -91.6614

Square

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



107.6350, -25.9491, 109.9451



104.3060, -51.4229, -26.5784



112.2690, 41.7724, -98.4599



125.0110, 57.1826, -0.8866

Rectangle

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



107.6350, -25.9491, 109.9451



117.4270, -57.8915, 41.7215



112.2690, 41.7724, -98.4599



110.0760, 71.4475, -96.5367

Sweetspot

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



107.6350, -25.9491, 109.9451



213.7550, -8.2602, 36.1719



127.0300, 52.2432, 90.3047



102.7640, -5.3067, 22.1320



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.



107.6350, -25.9491, 109.9451



90.4930, -33.7670, 144.2726



158.5900, -51.5629, 65.2576



109.2890, -1.6215, 6.7625



54.2330, -26.2439, 111.1747



16.1460, -7.9600, 33.1980

Inverse Universe

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



107.6350, -25.9491, 109.9451



90.4930, -33.7670, 144.2726



128.4100, 51.5629, -65.2576



109.2890, -1.6215, 6.7625



54.2330, -26.2439, 111.1747



16.1460, -7.9600, 33.1980

Previews

White Background



This preview shows how the YUV color 107.6350, -25.9491, 109.9451 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 107.6350, -25.9491, 109.9451 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 107.6350, -25.9491, 109.9451 Background



This preview shows how black text looks on a background with the YUV color 107.6350, -25.9491, 109.9451.



This preview shows how white text looks on a background with the YUV color 107.6350, -25.9491, 109.9451.

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

107.6350, -25.9491, 109.9451

Protanopia

122.8170, -22.5878, 11.5615

Deuteranopia

121.2850, -39.0875, 30.4451



Tritanopia

107.6350, -25.9491, 109.9451

Trichromacy



Original Color

107.6350, -25.9491, 109.9451

Protanomaly

117.1080, -23.7172, 47.2633

Deuteranomaly

116.1390, -34.0855, 59.5141

Tritanomaly

107.6350, -25.9491, 109.9451

Monochromacy



Original Color

107.6350, -25.9491, 109.9451

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.5490, -9.1447, 39.8605

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6350, -25.9491, 109.9451 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(233, 54, 55)` looks like.

```
.text, #text, p{  
    color:rgb(233, 54, 55)  
}
```

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(233, 54, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 54, 55) }
```

Border

The CSS property to change the border of an element to YUV 107.6350, -25.9491, 109.9451 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(233, 54, 55) }
```


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

```
.border{ border-color:rgb(233, 54, 55) }
```

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

Here you see how a box with a 4 pixel rgb(233, 54, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 54, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 54, 55);  
box-shadow:4px 4px 4px 4px rgb(233, 54,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 107.6350, -25.9491, 109.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 54, 55) }
```

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

```
.background{ background-color: rgb(233, 54,  
55) }
```

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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