

Converting Colors

YUV(107.9550, -24.6278,
106.1565)

Have a look what the booklet for
YUV(107.9550, -24.6278, 106.1565)
contains.

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Color

**YUV(107.9550, -24.6278,
106.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	E5383A
RGB	229, 56, 58
RGB Percent	90%, 22%, 23%
CMY	0.1020, 0.7804, 0.7725
CMYK	0.00, 0.76, 0.75, 0.10
HSL	359°, 77%, 56%
HSV	359°, 76%, 90%
XYZ	34.4910, 19.7918, 6.0053
YIQ	107.9550, 102.4660, 37.2980

Conversions

Conversions Part 2

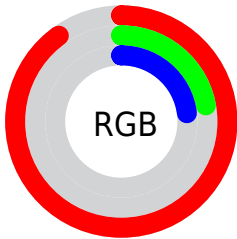
Format	Color
R_{YB}	229, 56, 58
Decimal	15022138
CIE Lab	51.60, 65.25, 40.42
CIE LCh	52, 76.759, 31.778
Yxy	19.7918, 0.5721, 0.3283
Android (android.graphics.Color)	4293212218 (0xFFE5383A)
YUV	107.9550, -24.6278, 106.1565
Hunter-Lab	44.4880, 60.5347, 23.1382

Details

The YUV color **107.9550, -24.6278, 106.1565** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **177.0450, 24.6278, -106.1565**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4210, -24.8576, 86.4538**, and **51.0450, -17.7702, 99.9385** is the 20% darker color. If you saturate the color by 10%, you get **91.8320, -28.0182, 120.2963**, and if you desaturate by 10%, it is **124.0780, -21.2375, 92.0166**.

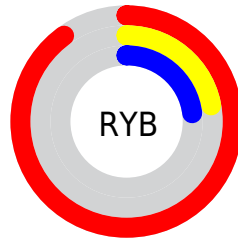
Distribution



Red (90%)

Green (22%)

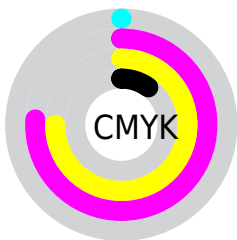
Blue (23%)



Red (90%)

Yellow (22%)

Blue (23%)

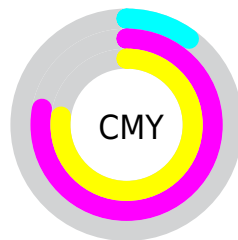


Cyan (0%)

Magenta (76%)

Yellow (75%)

Black (10%)



Cyan (10%)


Magenta (78%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.9550, -24.6278, 106.1565 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 107.9550, -24.6278, 106.1565 by changing the saturation by 10% instead.


 107.9550,
-24.6278, 106.1565


 107.9550,
-24.6278, 106.1565


255.0000, 0.0000,
0.0000


 70.0510, -16.7871,
111.3343


 156.4210,
-24.8576, 86.4538


 51.0450, -17.7702,
99.9385


 176.2940,
-22.3299, 69.0252


 40.0660, -19.7525,
82.3801


 196.2810,
-19.3655, 51.4966

 30.4980, -15.0355,
62.7073

 216.3820,
-15.9643, 33.8680

 22.1690, -9.4503,
44.5788

 237.1840,
-12.4157, 15.6246

 12.6720, -5.7543,
25.7207

 253.4040, -6.1152,

 0.0000, 0.0000,

1.3997

0.0000

■ 107.9550,
-24.6278, 106.1565

■ 107.9550,
-24.6278, 106.1565

■ 91.8320, -28.0182,
120.2963

■ 124.0780,
-21.2375, 92.0166

■ 75.8230, -30.9717,
134.3362

■ 140.0870,
-18.2839, 77.9767

■ 68.8130, -32.4458,
140.4840

■ 156.2100,
-14.8935, 63.8368

■ 172.3330,
-11.5032, 49.6970

■ 188.3420, -8.5496,
35.6571

■ 203.8780, -4.8699,
22.0320

■ 219.8870, -1.9163,
7.9921

■ 236.0100, 1.4741,
-6.1478

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



100.8970, 10.4038, 116.7313



107.9550, -24.6278, 106.1565



113.7820, -56.0945, 72.1052

Triad

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



107.9550, -24.6278, 106.1565



92.5590, -18.5166, -81.1742



105.9670, 73.4733, -92.9331

Complementary

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



107.9550, -24.6278, 106.1565



177.0450, 24.6278, -106.1565

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.



112.3610, 62.4330, -98.5406



107.9550, -24.6278, 106.1565



102.8870, 10.9017, -90.2319

Square

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



107.9550, -24.6278, 106.1565



104.3280, -51.4337, -23.0897



110.4110, 39.7304, -96.8304



123.2450, 55.5882, -2.8459

Rectangle

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



107.9550, -24.6278, 106.1565



115.9540, -57.1653, 42.1363



110.4110, 39.7304, -96.8304



109.4890, 71.7369, -96.0219

Sweetspot

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



107.9550, -24.6278, 106.1565



213.7550, -8.2602, 36.1719



126.5520, 50.5069, 87.2159



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.



107.9550, -24.6278, 106.1565



92.7100, -32.8880, 142.3283



157.0350, -49.8103, 63.1133



106.5880, -1.7689, 7.3773



53.7490, -25.5123, 109.8451



15.3630, -7.0810, 31.2536

Inverse Universe

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



107.9550, -24.6278, 106.1565



92.7100, -32.8880, 142.3283



127.9650, 49.8103, -63.1133



106.5880, -1.7689, 7.3773



53.7490, -25.5123, 109.8451



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 107.9550, -24.6278, 106.1565 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 107.9550, -24.6278, 106.1565 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 107.9550, -24.6278, 106.1565 Background



This preview shows how black text looks on a background with the YUV color 107.9550, -24.6278, 106.1565.



This preview shows how white text looks on a background with the YUV color 107.9550, -24.6278, 106.1565.

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

107.9550, -24.6278, 106.1565

Protanopia

121.9740, -20.6932, 10.5468

Deuteranopia

120.0830, -36.0299, 29.7452



Tritanopia

107.9550, -24.6278, 106.1565

Trichromacy



Original Color

107.9550, -24.6278, 106.1565

Protanomaly

116.8520, -22.1120, 45.7338

Deuteranomaly

115.6980, -31.8961, 57.2699

Tritanomaly

107.9550, -24.6278, 106.1565

Monochromacy



Original Color

107.9550, -24.6278, 106.1565

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.9510, -8.8498, 38.6310

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9550, -24.6278, 106.1565 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(229, 56, 58)` looks like.

```
.text, #text, p{  
    color:rgb(229, 56, 58)  
}
```

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(229, 56, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 56, 58) }
```

Border

The CSS property to change the border of an element to YUV 107.9550, -24.6278, 106.1565 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(229, 56, 58) }
```


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

```
.border{ border-color:rgb(229, 56, 58) }
```

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

Here you see how a box with a 4 pixel rgb(229, 56, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 56, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 56, 58);  
box-shadow:4px 4px 4px 4px rgb(229, 56,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 107.9550, -24.6278, 106.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 56, 58) }
```

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

```
.background{ background-color: rgb(229, 56,  
58) }
```

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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