

Converting Colors

YUV(95.6170, -18.5452,
115.2229)

Have a look what the booklet for
YUV(95.6170, -18.5452, 115.2229)
contains.

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Color

**YUV(95.6170, -18.5452,
115.2229)**

Conversions

Conversions Part 1

Format	Color
Hex	E3243A
RGB	227, 36, 58
RGB Percent	89%, 14%, 23%
CMY	0.1098, 0.8588, 0.7725
CMYK	0.00, 0.84, 0.74, 0.11
HSL	353°, 77%, 52%
HSV	353°, 84%, 89%
XYZ	33.0732, 17.8981, 5.7145
YIQ	95.6170, 106.7740, 47.3340

Conversions

Conversions Part 2

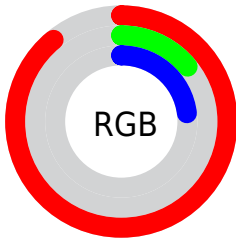
Format	Color
R_{YB}	227, 36, 58
Decimal	14885946
CIE _{Lab}	49.37, 69.90, 37.83
CIE _{LCh}	49, 79.484, 28.421
Yxy	17.8981, 0.5834, 0.3157
Android (android.graphics.Color)	4293076026 (0xFFE3243A)
YUV	95.6170, -18.5452, 115.2229
Hunter-Lab	42.3062, 65.5078, 21.6057

Details

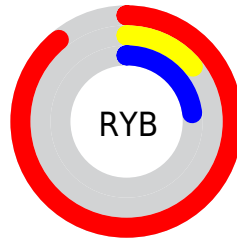
The YUV color **95.6170, -18.5452, 115.2229** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **167.3830, 18.5452, -115.2229**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6760, -21.5323, 93.2461**, and **50.5610, -17.0386, 98.6090** is the 20% darker color. If you saturate the color by 10%, you get **79.8360, -20.6251, 129.0628**, and if you desaturate by 10%, it is **111.3980, -16.4652, 101.3830**.

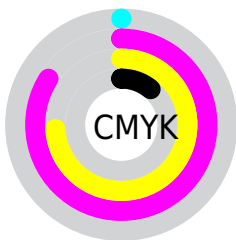
Distribution



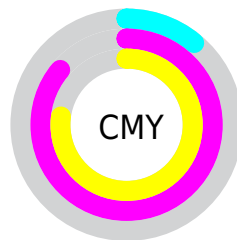
- Red (89%)
- Green (14%)
- Blue (23%)



- Red (89%)
- Yellow (14%)
- Blue (23%)



- Cyan (0%)
- Magenta (84%)
- Yellow (74%)
- Black (11%)





- Cyan (11%)
- Magenta (86%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.6170, -18.5452, 115.2229 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 95.6170, -18.5452, 115.2229 by changing the saturation by 10% instead.


 95.6170, -18.5452,
115.2229


 95.6170, -18.5452,
115.2229


255.0000, 0.0000,
0.0000


 62.4090, -13.0196,
116.2823


 148.6760,
-21.5323, 93.2461


 50.5610, -17.0386,
98.6090


 169.2500,
-18.8572, 75.2028


 39.1690, -19.3103,
80.5358


 189.2370,
-15.8928, 57.6742

 29.7150, -14.1565,
60.7629

 209.9250,
-12.7810, 39.5308

 21.6850, -8.7187,
43.2493

 230.0260, -9.3798,
21.9022

 11.4760, -5.1647,
23.2615

 250.9420, -5.3944,

 0.0000, 0.0000,

3.5589

0.0000

■ 95.6170, -18.5452,
115.2229

■ 95.6170, -18.5452,
115.2229

■ 79.8360, -20.6251,
129.0628

■ 111.3980,
-16.4652, 101.3830

■ 70.8370, -22.1046,
136.9550

■ 126.5920,
-14.0959, 88.0578

■ 142.3730,
-12.0159, 74.2179


■ 158.1540, -9.9359,
60.3779

■ 173.3480, -7.5666,
47.0528

■ 189.2430, -5.0498,
33.1129

 205.0240, -2.9698,
19.2730

 220.8050, -0.8899,
5.4330

 235.9990, 1.4795,
-7.8921

Harmonies

Analogous

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



82.6070, 20.4067, 128.3867



95.6170, -18.5452, 115.2229



107.3250, -52.9112, 77.7680

Triad

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



95.6170, -18.5452, 115.2229



87.0990, -24.2058, -76.3858



104.0920, 73.9046, -91.2887

Complementary

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



95.6170, -18.5452, 115.2229



167.3830, 18.5452, -115.2229

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.



109.3290, 60.9698, -95.8815



95.6170, -18.5452, 115.2229



97.8830, 6.9597, -85.8434

Square

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



95.6170, -18.5452, 115.2229



101.1050, -49.8448, -19.3861



105.6350, 36.6619, -92.6419



115.1230, 60.5784, -16.7709

Rectangle

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



95.6170, -18.5452, 115.2229



110.6710, -54.5608, 46.7695



105.6350, 36.6619, -92.6419



106.6850, 71.1473, -93.5627

Sweetspot

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



95.6170, -18.5452, 115.2229



211.0480, -5.9397, 38.5459



108.3050, 58.5166, 84.8015



101.2310, -3.5649, 23.4764



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.



95.6170, -18.5452, 115.2229



79.5510, -24.9216, 153.8688



135.9600, -49.2803, 79.8421



106.8160, -0.8953, 7.1774



55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Inverse Universe

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



95.6170, -18.5452, 115.2229



79.5510, -24.9216, 153.8688



127.0400, 49.2803, -79.8421



106.8160, -0.8953, 7.1774



55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 95.6170, -18.5452, 115.2229 looks on a white 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

Black Background



This preview shows how the YUV color 95.6170, -18.5452, 115.2229 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 95.6170, -18.5452, 115.2229

Background



This preview shows how black text looks on a background with the YUV color 95.6170, -18.5452, 115.2229.



This preview shows how white text looks on a background with the YUV color 95.6170, -18.5452,

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

95.6170, -18.5452, 115.2229

Protanopia

116.8150, -16.1778, 8.9322

Deuteranopia

114.9410, -33.9879, 28.1157



Tritanopia

95.7990, -28.0019, 115.0633

Trichromacy



Original Color

95.6170, -18.5452, 115.2229

Protanomaly

108.9430, -16.7339, 47.4080

Deuteranomaly

107.6320, -28.4126, 59.9587

Tritanomaly

96.0100, -24.6549, 114.8782

Monochromacy



Original Color

95.6170, -18.5452, 115.2229

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8420, -6.8241, 42.2346

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6170, -18.5452, 115.2229 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(227, 36, 58)` looks like.

```
.text, #text, p{  
    color:rgb(227, 36, 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(227, 36, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 36, 58) }
```

Border

The CSS property to change the border of an element to YUV 95.6170, -18.5452, 115.2229 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(227, 36, 58) }
```


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

```
.border{ border-color:rgb(227, 36, 58) }
```

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

Here you see how a box with a 4 pixel rgb(227, 36, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 36, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 36, 58);  
box-shadow:4px 4px 4px 4px rgb(227, 36,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 95.6170, -18.5452, 115.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 36, 58) }
```

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

```
.background{ background-color: rgb(227, 36,  
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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