

Converting Colors

YUV(112.2460, -15.8973,
105.9013)

Have a look what the booklet for
YUV(112.2460, -15.8973, 105.9013)
contains.

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Color

**YUV(112.2460, -15.8973,
105.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	E93950
RGB	233, 57, 80
RGB Percent	91%, 22%, 31%
CMY	0.0863, 0.7765, 0.6863
CMYK	0.00, 0.76, 0.66, 0.09
HSL	352°, 80%, 57%
HSV	352°, 76%, 91%
XYZ	36.5154, 20.8291, 9.6853
YIQ	112.2460, 97.5130, 44.4650

Conversions

Conversions Part 2

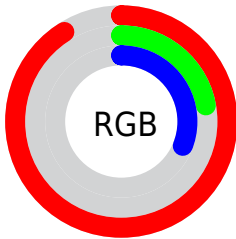
Format	Color
R_{YB}	233, 57, 80
Decimal	15284560
CIE _{Lab}	52.76, 67.09, 29.28
CIE _{LCh}	53, 73.203, 23.574
Yxy	20.8291, 0.5448, 0.3107
Android (android.graphics.Color)	4293474640 (0xFFE93950)
YUV	112.2460, -15.8973, 105.9013
Hunter-Lab	45.6389, 62.9486, 19.3650

Details

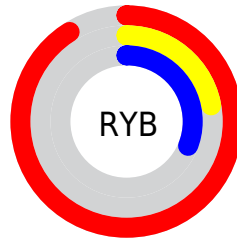
The YUV color **112.2460, -15.8973, 105.9013** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **177.7540, 15.8973, -105.9013**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2170, -15.3900, 83.1247**, and **54.9340, -9.3345, 100.9129** is the 20% darker color. If you saturate the color by 10%, you get **96.4650, -17.9772, 119.7412**, and if you desaturate by 10%, it is **128.0270, -13.8173, 92.0613**.

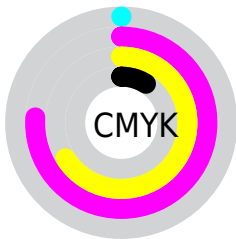
Distribution



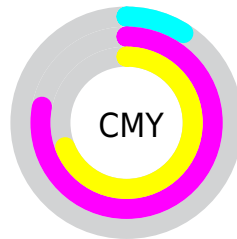
- Red (91%)
- Green (22%)
- Blue (31%)



- Red (91%)
- Yellow (22%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (66%)
- Black (9%)





- Cyan (9%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.2460, -15.8973, 105.9013 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 112.2460, -15.8973, 105.9013 by changing the saturation by 10% instead.


 112.2460,
-15.8973, 105.9013


 112.2460,
-15.8973, 105.9013


255.0000, 0.0000,
0.0000


 73.6410, -8.2040,
111.6938


 160.2170,
-15.3900, 83.1247


 54.9340, -9.3345,
100.9129


 180.2040,
-12.4256, 65.5961

 43.0860, -13.3534,
83.2396


 200.3050, -9.0244,
47.9675

 31.9930, -15.7725,
65.7811

 220.4060, -5.6232,
30.3389

 23.2510, -10.4767,
47.1379

 241.3220, -1.6377,
11.9956

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,

0.0000

■ 112.2460,
-15.8973, 105.9013

■ 112.2460,
-15.8973, 105.9013

■ 96.4650, -17.9772,
119.7412

■ 128.0270,
-13.8173, 92.0613

■ 79.9830, -20.2046,
134.1959

■ 144.5090,
-11.5899, 77.6066

■ 73.0870, -21.2419,
140.2437

■ 160.2900, -9.5100,
63.7667

■ 176.0710, -7.4300,
49.9267

■ 191.8520, -5.3500,
36.0868

■ 208.3340, -3.1227,
21.6321

224.1150, -1.0427,
7.7921

239.8960, 1.0373,
-6.0478

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.



114.0090, 13.7996, 100.8471



112.2460, -15.8973, 105.9013



116.7320, -50.1539, 80.0420

Triad

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



112.2460, -15.8973, 105.9013



91.7780, -24.0476, -80.4893



109.7340, 70.1371, -96.2367

Complementary

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



112.2460, -15.8973, 105.9013



177.7540, 15.8973, -105.9013

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.



113.9280, 55.7445, -99.9149



112.2460, -15.8973, 105.9013



101.7640, 4.0603, -89.2470

Square

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



112.2460, -15.8973, 105.9013



111.8140, -55.1243, -5.9759



109.7610, 32.1628, -96.2604



121.5190, 59.8901, -29.3962

Rectangle

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



112.2460, -15.8973, 105.9013



118.3900, -58.3663, 54.0320



109.7610, 32.1628, -96.2604



112.0990, 66.5062, -98.3108

Sweetspot

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



112.2460, -15.8973, 105.9013



214.5530, -5.2026, 35.4720



122.8110, 54.3232, 76.4648



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.



112.2460, -15.8973, 105.9013



95.7880, -21.0945, 139.6289



147.7790, -44.7540, 74.7388



109.4030, -1.1847, 6.6626



56.8550, -16.1975, 108.8752



16.9440, -4.9024, 32.4981

Inverse Universe

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



112.2460, -15.8973, 105.9013



95.7880, -21.0945, 139.6289



142.2210, 44.7540, -74.7388



109.4030, -1.1847, 6.6626



56.8550, -16.1975, 108.8752



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 112.2460, -15.8973, 105.9013 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 112.2460, -15.8973, 105.9013 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 112.2460, -15.8973, 105.9013 Background



This preview shows how black text looks on a background with the YUV color 112.2460, -15.8973, 105.9013.



This preview shows how white text looks on a background with the YUV color 112.2460, -15.8973, 105.9013.

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

112.2460, -15.8973, 105.9013

Protanopia

126.0410, -8.8942, 6.1030

Deuteranopia

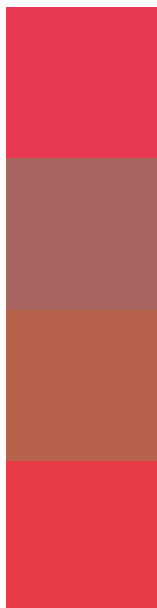
125.1670, -26.7043, 25.2865



Tritanopia

111.6560, -24.4804, 105.5417

Trichromacy



Original Color

112.2460, -15.8973, 105.9013

Protanomaly

120.9900, -11.3341, 42.1048

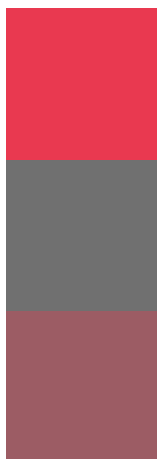
Deuteranomaly

120.6790, -23.0127, 54.6555

Tritanomaly

111.8670, -21.1334, 105.3566

Monochromacy



Original Color

112.2460, -15.8973, 105.9013

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0480, -5.9397, 38.5459

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2460, -15.8973, 105.9013 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, 57, 80)` looks like.

```
.text, #text, p{  
    color:rgb(233, 57, 80)  
}
```

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, 57, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 57, 80) }
```

Border

The CSS property to change the border of an element to YUV 112.2460, -15.8973, 105.9013 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, 57, 80) }
```


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

```
.border{ border-color:rgb(233, 57, 80) }
```

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

Here you see how a box with a 4 pixel rgb(233, 57, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 57, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 57, 80);  
box-shadow:4px 4px 4px 4px rgb(233, 57,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 112.2460, -15.8973, 105.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 57, 80) }
```

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

```
.background{ background-color: rgb(233, 57,  
80) }
```

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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