

Converting Colors

YUV(91.5630, -16.5466,
127.5482)

Have a look what the booklet for
YUV(91.5630, -16.5466, 127.5482)
contains.

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Color

**YUV(91.5630, -16.5466,
127.5482)**

Conversions

Conversions Part 1

Format	Color
Hex	ED183A
RGB	237, 24, 58
RGB Percent	93%, 9%, 23%
CMY	0.0706, 0.9059, 0.7725
CMYK	0.00, 0.90, 0.76, 0.07
HSL	350°, 86%, 51%
HSV	350°, 90%, 93%
XYZ	36.0154, 18.9633, 5.7650
YIQ	91.5630, 116.0340, 55.7300

Conversions

Conversions Part 2

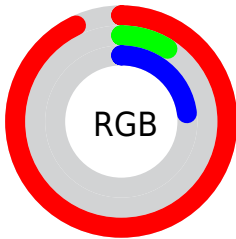
Format	Color
RYB	237, 24, 58
Decimal	15538234
CIELab	50.64, 74.56, 39.80
CIELCh	51, 84.515, 28.097
Yxy	18.9633, 0.5929, 0.3122
Android (android.graphics.Color)	4293728314 (0xFFED183A)
YUV	91.5630, -16.5466, 127.5482
Hunter-Lab	43.5468, 71.4214, 22.6336

Details

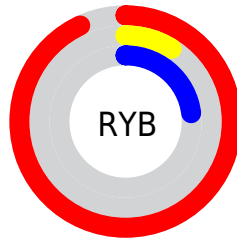
The YUV color **91.5630, -16.5466, 127.5482** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **169.4370, 16.5466, -127.5482**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9150, -20.6641, 94.7905**, and **53.2520, -18.3652, 104.1420** is the 20% darker color. If you saturate the color by 10%, you get **75.1950, -18.3371, 141.9030**, and if you desaturate by 10%, it is **107.9310, -14.7560, 113.1935**.

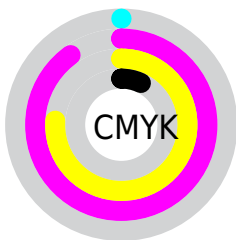
Distribution



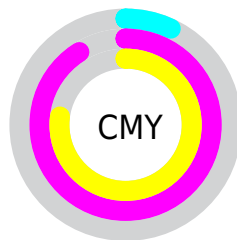
- Red (93%)
- Green (9%)
- Blue (23%)



- Red (93%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (90%)
- Yellow (76%)
- Black (7%)





- Cyan (7%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.5630, -16.5466, 127.5482 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 91.5630, -16.5466, 127.5482 by changing the saturation by 10% instead.


 91.5630, -16.5466,
127.5482

 91.5630, -16.5466,
127.5482


255.0000, 0.0000,
0.0000


 65.1000, -14.3463,
121.8153


 146.9150,
-20.6641, 94.7905


 53.2520, -18.3652,
104.1420


 167.4890,
-17.9891, 76.7471

 41.8600, -20.6370,
86.0688


 188.0630,
-15.3141, 58.7037

 32.4060, -15.4832,
66.2959

 208.7510,
-12.2022, 40.5604

 23.7780, -9.7506,
47.5527

 229.4390, -9.0904,
22.4170

 13.9820, -5.9071,
28.0798

 250.3550, -5.1050,

 0.0000, 0.0000,

4.0737

0.0000

■ 91.5630, -16.5466,
127.5482

■ 91.5630, -16.5466,
127.5482

■ 75.1950, -18.3371,
141.9030

■ 107.9310,
-14.7560, 113.1935

■ 123.7120,
-12.6760, 99.3536

■ 140.0800,
-10.8854, 84.9988

■ 156.4480, -9.0949,
70.6441

■ 172.2290, -7.0149,
56.8042

■ 188.5970, -5.2243,
42.4494

■ 204.8510, -3.8705,
28.1947

■ 221.2190, -2.0800,
13.8399

■ 237.0000, 0.0000,
0.0000

Harmonies

Analogous

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



86.1670, 21.1167, 134.0345



91.5630, -16.5466, 127.5482



109.7170, -54.0905, 82.6862

Triad

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



91.5630, -16.5466, 127.5482



88.8770, -27.5474, -77.9451



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.



91.5630, -16.5466, 127.5482



169.4370, 16.5466, -127.5482

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.



113.5180, 64.3276, -99.5553



91.5630, -16.5466, 127.5482



100.4590, 6.6757, -88.1025

Square

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



91.5630, -16.5466, 127.5482



103.4530, -51.0023, -21.4453



109.3680, 38.2726, -95.9157



116.7680, 65.6834, -20.8445

Rectangle

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



91.5630, -16.5466, 127.5482



113.6390, -56.0240, 49.4286



109.3680, 38.2726, -95.9157



110.0760, 71.4475, -96.5367

Sweetspot

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



91.5630, -16.5466, 127.5482



207.8850, -5.3663, 41.3199



101.5040, 66.7995, 88.1350



99.9430, -3.4229, 24.6060



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.



91.5630, -16.5466, 127.5482



80.9190, -19.6801, 152.6690



129.3640, -51.9445, 94.3968



109.4030, -1.1847, 6.6626



57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Inverse Universe

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



91.5630, -16.5466, 127.5482



80.9190, -19.6801, 152.6690



131.6360, 51.9445, -94.3968



109.4030, -1.1847, 6.6626



57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 91.5630, -16.5466, 127.5482 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 91.5630, -16.5466, 127.5482 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 91.5630, -16.5466, 127.5482

Background



This preview shows how black text looks on a background with the YUV color 91.5630, -16.5466, 127.5482.



This preview shows how white text looks on a background with the YUV color 91.5630, -16.5466,

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

91.5630, -16.5466, 127.5482

Protanopia

120.0000, -16.7620, 9.6470

Deuteranopia

118.0830, -36.0299, 29.7452



Tritanopia

92.4260, -32.2550, 125.9144

Trichromacy



Original Color

91.5630, -16.5466, 127.5482

Protanomaly

109.9760, -16.7502, 52.6410

Deuteranomaly

108.5510, -28.8656, 65.2918

Tritanomaly

91.9190, -26.5821, 126.3590

Monochromacy



Original Color

91.5630, -16.5466, 127.5482

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.8040, -5.8194, 46.6529

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.5630, -16.5466, 127.5482 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, 24, 58)` looks like.

```
.text, #text, p{  
    color:rgb(237, 24, 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(237, 24, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 24, 58) }
```

Border

The CSS property to change the border of an element to YUV 91.5630, -16.5466, 127.5482 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, 24, 58) }
```


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

```
.border{ border-color:rgb(237, 24, 58) }
```

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

Here you see how a box with a 4 pixel rgb(237, 24, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 24, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 24, 58);  
box-shadow:4px 4px 4px 4px rgb(237, 24,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 91.5630, -16.5466, 127.5482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 24, 58) }
```

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

```
.background{ background-color: rgb(237, 24,  
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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