

Converting Colors

YUV(106.4510, -26.8443,
117.1225)

Have a look what the booklet for
YUV(106.4510, -26.8443, 117.1225)
contains.

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Color

**YUV(106.4510, -26.8443,
117.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	F03134
RGB	240, 49, 52
RGB Percent	94%, 19%, 20%
CMY	0.0588, 0.8078, 0.7961
CMYK	0.00, 0.80, 0.78, 0.06
HSL	359°, 86%, 57%
HSV	359°, 80%, 94%
XYZ	37.6533, 20.9698, 5.3118
YIQ	106.4510, 112.8730, 41.4250

Conversions

Conversions Part 2

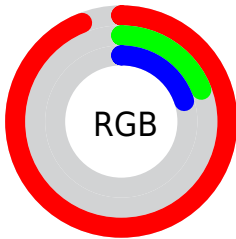
Format	Color
R_{YB}	240, 49, 52
Decimal	15741236
CIE _{Lab}	52.92, 70.17, 45.74
CIE _{LCh}	53, 83.759, 33.101
Yxy	20.9698, 0.5889, 0.3280
Android (android.graphics.Color)	4293931316 (0xFFFF03134)
YUV	106.4510, -26.8443, 117.1225
Hunter-Lab	45.7928, 66.6349, 25.1775

Details

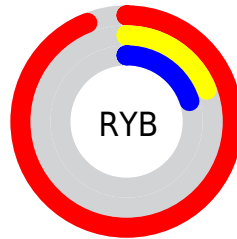
The YUV color **106.4510, -26.8443, 117.1225** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **182.5490, 26.8443, -117.1225**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9760, -26.6102, 88.5980**, and **53.1230, -22.7386, 106.8861** is the 20% darker color. If you saturate the color by 10%, you get **89.6270, -30.3821, 131.8771**, and if you desaturate by 10%, it is **123.2750, -23.3066, 102.3678**.

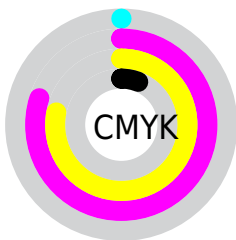
Distribution



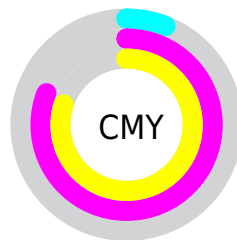
- Red (94%)
- Green (19%)
- Blue (20%)



- Red (94%)
- Yellow (19%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (78%)
- Black (6%)





- Cyan (6%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.4510, -26.8443, 117.1225 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 106.4510, -26.8443, 117.1225 by changing the saturation by 10% instead.


 106.4510,
-26.8443, 117.1225

 106.4510,
-26.8443, 117.1225


255.0000, 0.0000,
0.0000


 65.3130, -17.4093,
124.2595


 153.9760,
-26.6102, 88.5980


 53.1230, -22.7386,
106.8861


 173.8490,
-24.0826, 71.1694


 42.7570, -21.0792,
87.9131


 194.4230,
-21.4075, 53.1260

 33.1890, -16.3622,
68.2402

 214.5240,
-18.0063, 35.4975

 24.2620, -10.4822,
48.8822

 235.3260,
-14.4577, 17.2541

 15.1780, -6.4968,
30.5389

 252.6060, -9.1728,

 0.0000, 0.0000,

2.0995

0.0000

■ 106.4510,
-26.8443, 117.1225

■ 106.4510,
-26.8443, 117.1225

■ 89.6270, -30.3821,
131.8771

■ 123.2750,
-23.3066, 102.3678

■ 72.9170, -33.4831,
146.5318

■ 139.9850,
-20.2056, 87.7132

■ 72.2160, -33.6305,
147.1466


■ 156.8090,
-16.6678, 72.9585


■ 173.5190,
-13.5669, 58.3038

■ 190.3430,
-10.0291, 43.5492

■ 207.1670, -6.4913,
28.7945

 223.8770, -3.3904,
14.1399

 240.7010, 0.1474,
-0.6148

 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



88.0600, 16.7324, 140.2674



106.4510, -26.8443, 117.1225



117.0490, -57.7052, 75.3790

Triad

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



106.4510, -26.8443, 117.1225



95.4940, -19.9635, -83.7482



107.7280, 72.6051, -94.4775

Complementary

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



106.4510, -26.8443, 117.1225



182.5490, 26.8443, -117.1225

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.



117.1200, 67.9748, -102.7142



106.4510, -26.8443, 117.1225



106.6200, 12.5123, -93.5057

Square

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



106.4510, -26.8443, 117.1225



105.4580, -51.9908, -31.0967



114.8280, 43.9618, -100.7042



126.8200, 60.2347, 0.1579

Rectangle

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



106.4510, -26.8443, 117.1225



119.1990, -58.7651, 41.9215



114.8280, 43.9618, -100.7042



111.8370, 70.5794, -98.0810

Sweetspot

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



106.4510, -26.8443, 117.1225



212.3530, -8.5550, 37.4014



126.9860, 55.7159, 96.4823



102.0630, -5.4541, 22.7467



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.



106.4510, -26.8443, 117.1225



83.7110, -34.3675, 150.2205



160.1130, -54.7787, 70.0609



111.5880, -1.7689, 7.3773



55.3580, -25.8125, 112.8190



16.8580, -7.8180, 34.3275

Inverse Universe

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



106.4510, -26.8443, 117.1225



83.7110, -34.3675, 150.2205



128.8870, 54.7787, -70.0609



111.5880, -1.7689, 7.3773



55.3580, -25.8125, 112.8190



16.8580, -7.8180, 34.3275

Previews

White Background



This preview shows how the YUV color 106.4510, -26.8443, 117.1225 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 106.4510, -26.8443, 117.1225 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 106.4510, -26.8443, 117.1225 Background



This preview shows how black text looks on a background with the YUV color 106.4510, -26.8443, 117.1225.



This preview shows how white text looks on a background with the YUV color 106.4510, -26.8443, 117.1225.

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

106.4510, -26.8443, 117.1225

Protanopia

124.6600, -24.4824, 12.5762

Deuteranopia

122.1990, -42.0031, 32.2745



Tritanopia

106.2230, -27.7179, 117.3224

Trichromacy



Original Color

106.4510, -26.8443, 117.1225

Protanomaly

118.3750, -25.3279, 50.5371

Deuteranomaly

116.1780, -36.5698, 62.9879

Tritanomaly

106.3370, -27.2811, 117.2225

Monochromacy



Original Color

106.4510, -26.8443, 117.1225

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0440, -9.8817, 42.9344

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4510, -26.8443, 117.1225 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(240, 49, 52)` looks like.

```
.text, #text, p{  
    color:rgb(240, 49, 52)  
}
```

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(240, 49, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 49, 52) }
```

Border

The CSS property to change the border of an element to YUV 106.4510, -26.8443, 117.1225 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(240, 49, 52) }
```


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

```
.border{ border-color:rgb(240, 49, 52) }
```

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

Here you see how a box with a 4 pixel rgb(240, 49, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 49, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 49, 52);  
box-shadow:4px 4px 4px 4px rgb(240, 49,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 106.4510, -26.8443, 117.1225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 49, 52) }
```

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

```
.background{ background-color: rgb(240, 49,  
52) }
```

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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