

Converting Colors

YUV(106.3200, -24.8078,
117.2374)

Have a look what the booklet for
YUV(106.3200, -24.8078, 117.2374)
contains.

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Color

**YUV(106.3200, -24.8078,
117.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	F03038
RGB	240, 48, 56
RGB Percent	94%, 19%, 22%
CMY	0.0588, 0.8118, 0.7804
CMYK	0.00, 0.80, 0.77, 0.06
HSL	358°, 86%, 56%
HSV	358°, 80%, 94%
XYZ	37.7059, 20.9247, 5.7929
YIQ	106.3200, 111.8640, 43.1920

Conversions

Conversions Part 2

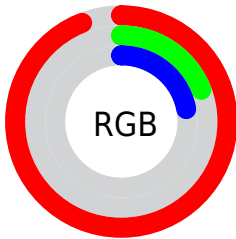
Format	Color
R_{YB}	240, 48, 56
Decimal	15740984
CIE _{Lab}	52.87, 70.55, 43.51
CIE _{LCh}	53, 82.890, 31.666
Yxy	20.9247, 0.5853, 0.3248
Android (android.graphics.Color)	4293931064 (0xFFFF03038)
YUV	106.3200, -24.8078, 117.2374
Hunter-Lab	45.7435, 67.0847, 24.5120

Details

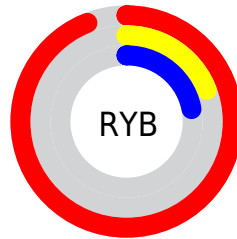
The YUV color **106.3200, -24.8078, 117.2374** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **181.6800, 24.8078, -117.2374**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8450, -24.5736, 88.7129**, and **53.8070, -20.1179, 106.2863** is the 20% darker color. If you saturate the color by 10%, you get **89.6100, -27.9087, 131.8920**, and if you desaturate by 10%, it is **123.0300, -21.7068, 102.5827**.

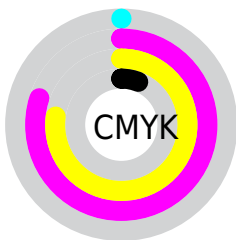
Distribution



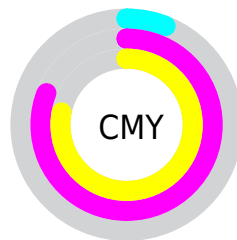
- Red (94%)
- Green (19%)
- Blue (22%)



- Red (94%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (77%)
- Black (6%)





- Cyan (6%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.3200, -24.8078, 117.2374 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 106.3200, -24.8078, 117.2374 by changing the saturation by 10% instead.


 106.3200,
-24.8078, 117.2374

 106.3200,
-24.8078, 117.2374


255.0000, 0.0000,
0.0000


 65.7690, -15.6621,
123.8596


 153.8450,
-24.5736, 88.7129


 53.8070, -20.1179,
106.2863


 174.3050,
-22.3354, 70.7695


 42.7570, -21.0792,
87.9131


 194.2920,
-19.3710, 53.2409

 33.1890, -16.3622,
68.2402

 214.9800,
-16.2591, 35.0975

 24.5610, -10.6296,
49.4970

 235.7820,
-12.7105, 16.8542

 15.1780, -6.4968,
30.5389

 253.0620, -7.4256,

 0.0000, 0.0000,

1.6996

0.0000

■ 106.3200,
-24.8078, 117.2374

■ 106.3200,
-24.8078, 117.2374

■ 89.6100, -27.9087,
131.8920

■ 123.0300,
-21.7068, 102.5827

■ 72.9000, -31.0097,
146.5467

■ 139.7400,
-18.6058, 87.9280


■ 156.4500,
-15.5048, 73.2734


■ 173.1600,
-12.4039, 58.6187

■ 189.8700, -9.3029,
43.9640

■ 206.5800, -6.2019,
29.3093

 223.2900, -3.1010,
14.6547

 240.0000, 0.0000,
0.0000

 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.



87.9180, 18.7744, 138.6379



106.3200, -24.8078, 117.2374



116.4730, -57.4212, 77.6382

Triad

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



106.3200, -24.8078, 117.2374



95.1520, -21.2739, -83.4483



108.3150, 72.3157, -94.9923

Complementary

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



106.3200, -24.8078, 117.2374



181.6800, 24.8078, -117.2374

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.



116.8920, 67.1012, -102.5143



106.3200, -24.8078, 117.2374



106.1640, 10.7651, -93.1058

Square

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



106.3200, -24.8078, 117.2374



106.6650, -52.5858, -26.8932



114.3720, 42.2146, -100.3042



126.2000, 60.5404, -4.5604

Rectangle

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



106.3200, -24.8078, 117.2374



118.9220, -58.6285, 44.7954



114.3720, 42.2146, -100.3042



111.8370, 70.5794, -98.0810

Sweetspot

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



106.3200, -24.8078, 117.2374



212.4670, -8.1182, 37.3014



124.3060, 57.0371, 92.6936



102.1770, -5.0173, 22.6468



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.



106.3200, -24.8078, 117.2374



84.3950, -31.7467, 149.6206



155.8900, -53.1898, 73.7645



111.5880, -1.7689, 7.3773



55.9280, -23.6285, 112.3191



16.9720, -7.3812, 34.2276

Inverse Universe

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



106.3200, -24.8078, 117.2374



84.3950, -31.7467, 149.6206



132.1100, 53.1898, -73.7645



111.5880, -1.7689, 7.3773



55.9280, -23.6285, 112.3191



16.9720, -7.3812, 34.2276

Previews

White Background



This preview shows how the YUV color 106.3200, -24.8078, 117.2374 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 106.3200, -24.8078, 117.2374 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 106.3200, -24.8078, 117.2374 Background



This preview shows how black text looks on a background with the YUV color 106.3200, -24.8078, 117.2374.



This preview shows how white text looks on a background with the YUV color 106.3200, -24.8078, 117.2374.

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

106.3200, -24.8078, 117.2374

Protanopia

124.9310, -22.1510, 11.4615

Deuteranopia

122.4700, -39.6717, 31.1598



Tritanopia

106.1090, -28.1547, 117.4224

Trichromacy



Original Color

106.3200, -24.8078, 117.2374

Protanomaly

117.9450, -23.1439, 50.0372

Deuteranomaly

116.7480, -34.3858, 62.4880

Tritanomaly

106.4510, -26.8443, 117.1225

Monochromacy



Original Color

106.3200, -24.8078, 117.2374

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.2720, -9.0081, 42.7345

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3200, -24.8078, 117.2374 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, 48, 56)` looks like.

```
.text, #text, p{  
    color:rgb(240, 48, 56)  
}
```

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, 48, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 48, 56) }
```

Border

The CSS property to change the border of an element to YUV 106.3200, -24.8078, 117.2374 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, 48, 56) }
```


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

```
.border{ border-color:rgb(240, 48, 56) }
```

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

Here you see how a box with a 4 pixel rgb(240, 48, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 48, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 48, 56);  
box-shadow:4px 4px 4px 4px rgb(240, 48,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 106.3200, -24.8078, 117.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 48, 56) }
```

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

```
.background{ background-color: rgb(240, 48,  
56) }
```

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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