

Converting Colors

YUV(88.6930, -24.0056,
93.2312)

Have a look what the booklet for
YUV(88.6930, -24.0056, 93.2312)
contains.

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Color

**YUV(88.6930, -24.0056,
93.2312)**

Conversions

Conversions Part 1

Format	Color
Hex	C32C28
RGB	195, 44, 40
RGB Percent	76%, 17%, 16%
CMY	0.2353, 0.8275, 0.8431
CMYK	0.00, 0.77, 0.79, 0.24
HSL	2°, 66%, 46%
HSV	2°, 79%, 76%
XYZ	23.7894, 13.5567, 3.3703
YIQ	88.6930, 91.2800, 30.7680

Conversions

Conversions Part 2

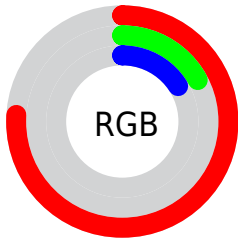
Format	Color
R_{YB}	195, 44, 40
Decimal	12790824
CIE Lab	43.59, 58.25, 39.95
CIE LCh	44, 70.629, 34.442
Yxy	13.5567, 0.5843, 0.3330
Android (android.graphics.Color)	4290980904 (0xFFC32C28)
YUV	88.6930, -24.0056, 93.2312
Hunter-Lab	36.8194, 50.8967, 20.3463

Details

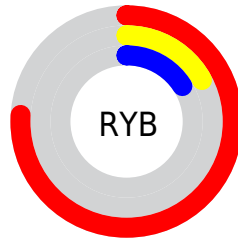
The YUV color **88.6930, -24.0056, 93.2312** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **146.3070, 24.0056, -93.2312**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5100, -29.8314, 95.1457**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **75.2600, -27.2432, 105.0120**, and if you desaturate by 10%, it is **102.1260, -20.7681, 81.4505**.

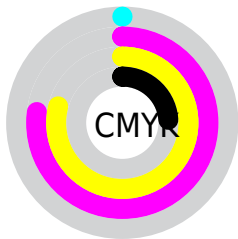
Distribution



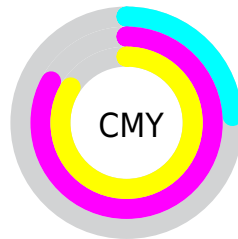
- Red (76%)
- Green (17%)
- Blue (16%)



- Red (76%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (79%)
- Black (24%)



- Cyan (24%)
- Magenta (83%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6930, -24.0056, 93.2312 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 88.6930, -24.0056, 93.2312 by changing the saturation by 10% instead.

■ 88.6930, -24.0056,
93.2312

■ 88.6930, -24.0056,
93.2312

255.0000, 0.0000,
0.0000

■ 51.0880, -16.3124,
99.0238

■ 146.5100,
-29.8314, 95.1457

■ 39.7670, -19.6051,
81.7653

■ 165.7960,
-27.0144, 78.2319

■ 30.4980, -15.0355,
62.7073

■ 185.1960,
-23.7606, 61.2181

■ 21.6420, -10.1765,
44.1640

■ 204.5960,
-20.5068, 44.2043

■ 12.9710, -5.9017,
26.3354

■ 224.6970,
-17.1056, 26.5757

■ 0.0000, 0.0000,
0.0000

■ 245.4990,

-13.5570, 8.3324

254.0880, -3.4944,
0.7998

88.6930, -24.0056,
93.2312

88.6930, -24.0056,
93.2312

75.2600, -27.2432,
105.0120

102.1260,
-20.7681, 81.4505

61.9410, -30.0439,
116.6927

115.4450,
-17.9674, 69.7697

61.2400, -30.1913,
117.3075

128.7640,
-15.1667, 58.0890

142.1970,
-11.9291, 46.3082

155.5160, -9.1284,
34.6275

■ 168.9490, -5.8909,
22.8467

■ 182.3820, -2.6533,
11.0660

■ 195.7010, 0.1474,
-0.6148

■ 209.1340, 3.3849,
-12.3955

Harmonies

Analogous

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



73.8040, 11.4356, 112.4279



88.6930, -24.0056, 93.2312



95.9960, -47.3260, 59.6395

Triad

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



88.6930, -24.0056, 93.2312



78.8470, -15.2076, -69.1488



88.7040, 65.7149, -77.7934

Complementary

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



88.6930, -24.0056, 93.2312



146.3070, 24.0056, -93.2312

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.



95.4400, 55.9851, -83.7009



88.6930, -24.0056, 93.2312



87.0890, 11.2951, -76.3771

Square

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



88.6930, -24.0056, 93.2312



85.4120, -42.1081, -27.5483



93.7010, 36.6294, -82.1758



103.6390, 47.9990, 4.7016

Rectangle

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



88.6930, -24.0056, 93.2312



97.3040, -47.9709, 33.0594



93.7010, 36.6294, -82.1758



92.1120, 63.5418, -80.7822

Sweetspot

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



88.6930, -24.0056, 93.2312



210.5270, -9.1338, 36.3718



103.6730, 43.5452, 80.0938



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.



88.6930, -24.0056, 93.2312



87.9830, -36.9666, 143.8429



133.3050, -45.9994, 54.1065



89.9900, -1.4741, 6.1478



50.4870, -24.8901, 96.9199



10.4540, -5.1538, 19.7728

Inverse Universe

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



146.3070, 24.0056, -93.2312



177.0170, 36.9666, -143.8429



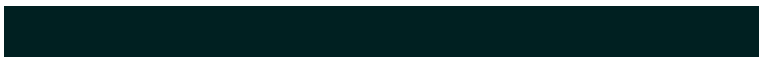
101.6950, 45.9994, -54.1065



94.0100, 1.4741, -6.1478



110.5130, 24.8901, -96.9199



22.5460, 5.1538, -19.7728

Previews

White Background



This preview shows how the YUV color 88.6930, -24.0056, 93.2312 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 88.6930, -24.0056, 93.2312 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.6930, -24.0056, 93.2312

Background



This preview shows how black text looks on a background with the YUV color 88.6930, -24.0056, 93.2312.



This preview shows how white text looks on a background with the YUV color 88.6930, -24.0056,

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

88.6930, -24.0056, 93.2312

Protanopia

101.6320, -22.0036, 10.8467

Deuteranopia

100.3600, -36.1665, 26.8713



Tritanopia

88.5620, -21.9691, 93.3461

Trichromacy



Original Color

88.6930, -24.0056, 93.2312

Protanomaly

96.7050, -22.5326, 40.6007

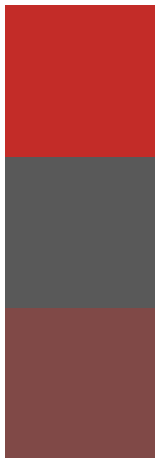
Deuteranomaly

96.0670, -31.5850, 50.8072

Tritanomaly

88.4480, -22.4059, 93.4461

Monochromacy



Original Color

88.6930, -24.0056, 93.2312

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2170, -8.9810, 34.0127

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6930, -24.0056, 93.2312 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(195, 44, 40)` looks like.

```
.text, #text, p{  
    color:rgb(195, 44, 40)  
}
```

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(195, 44, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 44, 40) }
```

Border

The CSS property to change the border of an element to YUV 88.6930, -24.0056, 93.2312 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(195, 44, 40) }
```


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

```
.border{ border-color:rgb(195, 44, 40) }
```

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

Here you see how a box with a 4 pixel rgb(195, 44, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 44, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 44, 40);  
box-shadow:4px 4px 4px 4px rgb(195, 44,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 88.6930, -24.0056, 93.2312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 44, 40) }
```

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

```
.background{ background-color: rgb(195, 44,  
40) }
```

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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