

Converting Colors

YUV(95.6120, -24.4587,
98.5643)

Have a look what the booklet for
YUV(95.6120, -24.4587, 98.5643)
contains.

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Color

**YUV(95.6120, -24.4587,
98.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	D0302E
RGB	208, 48, 46
RGB Percent	82%, 19%, 18%
CMY	0.1843, 0.8118, 0.8196
CMYK	0.00, 0.77, 0.78, 0.18
HSL	1°, 64%, 50%
HSV	1°, 78%, 82%
XYZ	27.5625, 15.7211, 4.1665
YIQ	95.6120, 96.0020, 33.2980

Conversions

Conversions Part 2

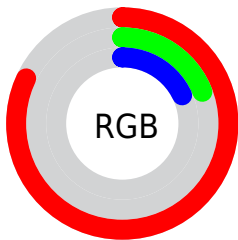
Format	Color
R _Y B	208, 48, 46
Decimal	13643822
CIE Lab	46.61, 61.10, 40.55
CIE LCh	47, 73.326, 33.570
Yxy	15.7211, 0.5809, 0.3313
Android (android.graphics.Color)	4291833902 (0xFFD0302E)
YUV	95.6120, -24.4587, 98.5643
Hunter-Lab	39.6498, 54.6970, 21.5245

Details

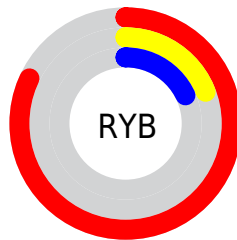
The YUV color **95.6120, -24.4587, 98.5643** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **158.3880, 24.4587, -98.5643**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2430, -28.2208, 91.8719**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **80.8910, -27.5543, 111.4746**, and if you desaturate by 10%, it is **110.3330, -21.3632, 85.6540**.

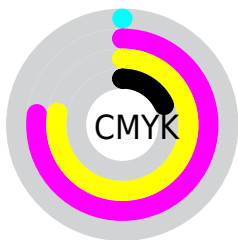
Distribution



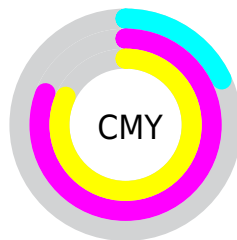
- Red (82%)
- Green (19%)
- Blue (18%)



- Red (82%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (77%)
- Yellow (78%)
- Black (18%)





- Cyan (18%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.6120, -24.4587, 98.5643 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 95.6120, -24.4587, 98.5643 by changing the saturation by 10% instead.


 95.6120, -24.4587,
98.5643

 95.6120, -24.4587,
98.5643


255.0000, 0.0000,
0.0000


 55.3600, -15.4605,
105.8013


 150.2430,
-28.2208, 91.8719

 43.3550, -21.3740,
89.1427


 169.5290,
-25.4038, 74.9581


 34.0860, -16.8044,
70.0846


 188.9290,
-22.1500, 57.9443

 24.9310, -11.7980,
50.9265

 208.9160,
-19.1856, 40.4157

 16.6730, -7.2338,
33.6128

 229.1310,
-15.3476, 22.6871

 2.6910, -1.3267,
5.5330

 249.9330,

 0.0000, 0.0000,

-11.7990, 4.4438

0.0000

■ 95.6120, -24.4587,
98.5643

■ 95.6120, -24.4587,
98.5643

■ 80.8910, -27.5543,
111.4746

■ 110.3330,
-21.3632, 85.6540

■ 66.7570, -30.9392,
123.8701

■ 124.4670,
-17.9782, 73.2584

■ 63.9530, -31.5288,
126.3292

■ 139.0740,
-15.3195, 60.4481

■ 153.2080,
-11.9345, 48.0526

■ 167.9290, -8.8390,
35.1423

■ 182.0630, -5.4541,
22.7467

■ 196.7840, -2.3585,
9.8364

■ 210.8040, 0.5896,
-2.4591

■ 225.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



83.4130, 11.1354, 115.4018



95.6120, -24.4587, 98.5643



102.5190, -50.5419, 64.4428

Triad

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



95.6120, -24.4587, 98.5643



83.8850, -16.2123, -73.5671



94.8820, 69.0782, -83.2115

Complementary

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



95.6120, -24.4587, 98.5643



158.3880, 24.4587, -98.5643

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.



102.0910, 58.6221, -89.5338



95.6120, -24.4587, 98.5643



93.0560, 11.3114, -81.6101

Square

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



95.6120, -24.4587, 98.5643



91.9130, -45.3131, -26.2337



100.1240, 38.3929, -87.8087



111.3120, 50.6252, 2.3574

Rectangle

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



95.6120, -24.4587, 98.5643



104.1150, -51.3287, 36.7331



100.1240, 38.3929, -87.8087



98.2900, 66.9050, -86.2003

Sweetspot

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



95.6120, -24.4587, 98.5643



214.2280, -8.9864, 35.7570



112.9060, 46.8813, 83.3974



102.7640, -5.3067, 22.1320



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.



95.6120, -24.4587, 98.5643



90.6240, -35.8036, 144.1578



141.9850, -47.3206, 57.8952



97.2890, -1.6215, 6.7625



51.4060, -25.3432, 102.2529



12.8460, -6.3331, 24.6911

Inverse Universe

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



158.3880, 24.4587, -98.5643



182.3760, 35.8036, -144.1578



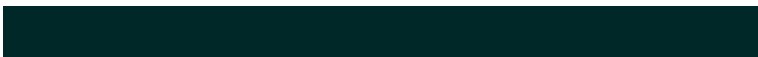
112.0150, 47.3206, -57.8952



101.1240, 1.9109, -6.2477



116.5940, 25.3432, -102.2529



28.1540, 6.3331, -24.6911

Previews

White Background



This preview shows how the YUV color 95.6120, -24.4587, 98.5643 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 95.6120, -24.4587, 98.5643 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 95.6120, -24.4587, 98.5643

Background



This preview shows how black text looks on a background with the YUV color 95.6120, -24.4587, 98.5643.



This preview shows how white text looks on a background with the YUV color 95.6120, -24.4587,

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

95.6120, -24.4587, 98.5643

Protanopia

109.0450, -21.7142, 11.3615

Deuteranopia

107.6590, -36.3139, 27.4861



Tritanopia

95.9540, -23.1483, 98.2643

Trichromacy



Original Color

95.6120, -24.4587, 98.5643

Protanomaly

104.0150, -22.6854, 42.9598

Deuteranomaly

103.2630, -32.1747, 53.2663

Tritanomaly

95.8400, -23.5851, 98.3643

Monochromacy



Original Color

95.6120, -24.4587, 98.5643

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2280, -8.9864, 35.7570

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6120, -24.4587, 98.5643 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(208, 48, 46)` looks like.

```
.text, #text, p{  
    color:rgb(208, 48, 46)  
}
```

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(208, 48, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 48, 46) }
```

Border

The CSS property to change the border of an element to YUV 95.6120, -24.4587, 98.5643 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(208, 48, 46) }
```


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

```
.border{ border-color:rgb(208, 48, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 48, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 48, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 48, 46);  
box-shadow:4px 4px 4px 4px rgb(208, 48,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 95.6120, -24.4587, 98.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 48, 46) }
```

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

```
.background{ background-color: rgb(208, 48,  
46) }
```

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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