

Converting Colors

YUV(98.6640, -20.0474,
83.6097)

Have a look what the booklet for
YUV(98.6640, -20.0474, 83.6097)
contains.

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Color

**YUV(98.6640, -20.0474,
83.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	C23A3A
RGB	194, 58, 58
RGB Percent	76%, 23%, 23%
CMY	0.2392, 0.7725, 0.7725
CMYK	0.00, 0.70, 0.70, 0.24
HSL	0°, 54%, 49%
HSV	0°, 70%, 76%
XYZ	24.5249, 14.8009, 5.5672
YIQ	98.6640, 81.0560, 28.8320

Conversions

Conversions Part 2

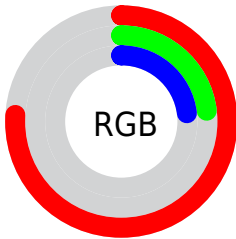
Format	Color
RYB	194, 58, 58
Decimal	12728890
CIELab	45.36, 53.83, 31.56
CIELCh	45, 62.403, 30.383
Yxy	14.8009, 0.5463, 0.3297
Android (android.graphics.Color)	4290918970 (0xFFC23A3A)
YUV	98.6640, -20.0474, 83.6097
Hunter-Lab	38.4720, 46.4632, 18.3506

Details

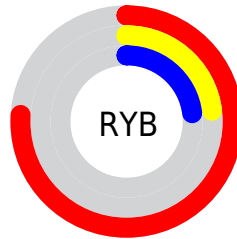
The YUV color **98.6640, -20.0474, 83.6097** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **153.3360, 20.0474, -83.6097**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1330, -24.7156, 87.5834**, and **41.5910, -12.6164, 80.1657** is the 20% darker color. If you saturate the color by 10%, you get **85.3450, -22.8481, 95.2904**, and if you desaturate by 10%, it is **111.9830, -17.2466, 71.9289**.

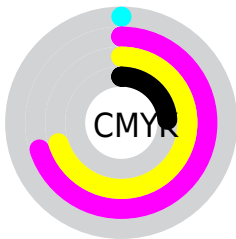
Distribution



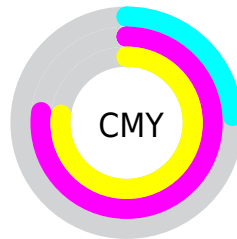
- Red (76%)
- Green (23%)
- Blue (23%)



- Red (76%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (24%)





- Cyan (24%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.6640, -20.0474, 83.6097 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 98.6640, -20.0474, 83.6097 by changing the saturation by 10% instead.


 98.6640, -20.0474,
83.6097


 98.6640, -20.0474,
83.6097


255.0000, 0.0000,
0.0000

 68.1030, -15.8268,
83.2247


 155.1330,
-24.7156, 87.5834

 41.5910, -12.6164,
80.1657


 173.9460,
-21.1724, 71.0844


 30.7970, -15.1829,
63.3220

 193.3460,
-17.9186, 54.0706

 21.8270, -10.7607,
44.8787

 213.4470,
-14.5174, 36.4420

 13.6830, -5.7597,
27.4650

 233.5480,
-11.1162, 18.8134

 0.0000, 0.0000,
0.0000

 253.2900, -6.5520,

1.4997

■ 98.6640, -20.0474,
83.6097

■ 98.6640, -20.0474,
83.6097

■ 85.3450, -22.8481,
95.2904

■ 111.9830,
-17.2466, 71.9289

■ 71.3250, -25.7962,
107.5860

■ 126.0030,
-14.2985, 59.6334

■ 58.0060, -28.5970,
119.2667

■ 139.3220,
-11.4977, 47.9526

■ 153.3420, -8.5496,
35.6571

■ 166.6610, -5.7489,
23.9763

■ 179.9800, -2.9481,
12.2955

■ 194.0000, 0.0000,
0.0000

■ 207.3190, 2.8007,
-11.6808

■ 221.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



98.0320, 5.4072, 85.9179



98.6640, -20.0474, 83.6097



99.9530, -48.7838, 60.5542

Triad

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



98.6640, -20.0474, 83.6097



80.4770, -14.0392, -70.5783



91.2000, 60.0474, -79.9824

Complementary

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



98.6640, -20.0474, 83.6097



153.3360, 20.0474, -83.6097

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.



95.9470, 50.3121, -84.1455



98.6640, -20.0474, 83.6097



88.5080, 9.1166, -77.6215

Square

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



98.6640, -20.0474, 83.6097



92.8760, -45.7879, -13.9233



94.4360, 31.8301, -82.8204



107.9600, 44.3897, -4.3499

Rectangle

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



98.6640, -20.0474, 83.6097



101.1690, -49.8763, 37.5628



94.4360, 31.8301, -82.8204



93.9070, 57.7268, -82.3564

Sweetspot

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



98.6640, -20.0474, 83.6097



214.8470, -7.8126, 32.5832



114.1680, 39.3572, 70.0127



105.5680, -4.7170, 19.6729



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.



98.6640, -20.0474, 83.6097



103.3880, -31.2503, 130.3327



138.5800, -39.7259, 48.6033



89.9900, -1.4741, 6.1478



48.1390, -23.7325, 98.9791



9.8670, -4.8644, 20.2876

Inverse Universe

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



153.3360, 20.0474, -83.6097



188.6120, 31.2503, -130.3327



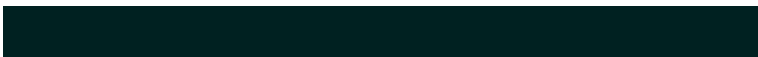
113.4200, 39.7259, -48.6033



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Previews

White Background



This preview shows how the YUV color 98.6640, -20.0474, 83.6097 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 98.6640, -20.0474, 83.6097 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 98.6640, -20.0474, 83.6097

Background



This preview shows how black text looks on a background with the YUV color 98.6640, -20.0474, 83.6097.



This preview shows how white text looks on a background with the YUV color 98.6640, -20.0474,

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

98.6640, -20.0474, 83.6097

Protanopia

107.0430, -15.3042, 8.7323

Deuteranopia

106.2270, -27.7199, 24.3569



Tritanopia

98.8920, -19.1738, 83.4097

Trichromacy



Original Color

98.6640, -20.0474, 83.6097

Protanomaly

104.0510, -17.2801, 35.9123

Deuteranomaly

103.7550, -25.0222, 45.8189

Tritanomaly

98.7780, -19.6106, 83.5097

Monochromacy



Original Color

98.6640, -20.0474, 83.6097

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9500, -7.3703, 30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6640, -20.0474, 83.6097 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(194, 58, 58)` looks like.

```
.text, #text, p{  
    color:rgb(194, 58, 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(194, 58, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 58, 58) }
```

Border

The CSS property to change the border of an element to YUV 98.6640, -20.0474, 83.6097 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(194, 58, 58) }
```


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

```
.border{ border-color:rgb(194, 58, 58) }
```

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

Here you see how a box with a 4 pixel rgb(194, 58, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 58, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 58, 58);  
box-shadow:4px 4px 4px 4px rgb(194, 58,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 98.6640, -20.0474, 83.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 58, 58) }
```

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

```
.background{ background-color: rgb(194, 58,  
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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