

Converting Colors

YUV(100.2620, -20.3422,
84.8392)

Have a look what the booklet for
YUV(100.2620, -20.3422, 84.8392)
contains.

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Color

**YUV(100.2620, -20.3422,
84.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	C53B3B
RGB	197, 59, 59
RGB Percent	77%, 23%, 23%
CMY	0.2275, 0.7686, 0.7686
CMYK	0.00, 0.70, 0.70, 0.23
HSL	0°, 54%, 50%
HSV	0°, 70%, 77%
XYZ	25.3793, 15.3140, 5.7559
YIQ	100.2620, 82.2480, 29.2560

Conversions

Conversions Part 2

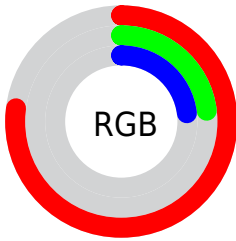
Format	Color
RYB	197, 59, 59
Decimal	12925755
CIELab	46.06, 54.47, 31.94
CIElCh	46, 63.141, 30.389
Yxy	15.3140, 0.5464, 0.3297
Android (android.graphics.Color)	4291115835 (0xFFC53B3B)
YUV	100.2620, -20.3422, 84.8392
Hunter-Lab	39.1331, 47.2812, 18.6725

Details

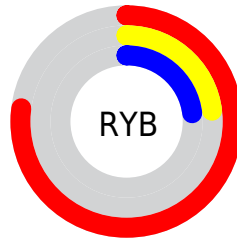
The YUV color **100.2620, -20.3422, 84.8392** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **155.7380, 20.3422, -84.8392**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9480, -24.1314, 86.8686**, and **42.6020, -12.6218, 81.9100** is the 20% darker color. If you saturate the color by 10%, you get **86.2420, -23.2903, 97.1348**, and if you desaturate by 10%, it is **114.2820, -17.3940, 72.5437**.

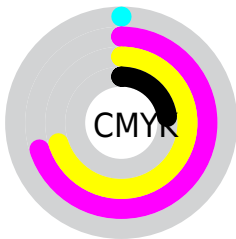
Distribution



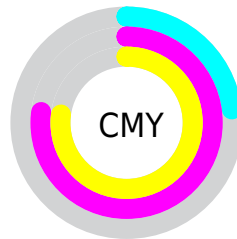
- Red (77%)
- Green (23%)
- Blue (23%)



- Red (77%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (23%)



- Cyan (23%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2620, -20.3422, 84.8392 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 100.2620, -20.3422, 84.8392 by changing the saturation by 10% instead.

■ 100.2620,
-20.3422, 84.8392

■ 100.2620,
-20.3422, 84.8392

255.0000, 0.0000,
0.0000

■ 69.7010, -16.1216,
84.4542

■ 155.9480,
-24.1314, 86.8686

■ 42.6020, -12.6218,
81.9100

■ 174.6470,
-21.0250, 70.4696

■ 31.6940, -15.6251,
65.1664

■ 194.0470,
-17.7712, 53.4558

■ 22.7240, -11.2029,
46.7231

■ 214.1480,
-14.3700, 35.8272

■ 14.5800, -6.2019,
29.3093

■ 234.3630,
-10.5320, 18.0986

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 100.2620,
-20.3422, 84.8392

■ 100.2620,
-20.3422, 84.8392

■ 86.2420, -23.2903,
97.1348

■ 114.2820,
-17.3940, 72.5437

■ 72.9230, -26.0910,
108.8155

■ 127.6010,
-14.5933, 60.8629

■ 58.9030, -29.0392,
121.1111

■ 141.6210,
-11.6452, 48.5674

■ 155.6410, -8.6970,
36.2718

■ 169.6610, -5.7489,
23.9763

■ 182.9800, -2.9481,
12.2955

■ 197.0000, 0.0000,
0.0000

■ 211.0200, 2.9481,
-12.2955

■ 224.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



99.1570, 5.8386, 87.5623



100.2620, -20.3422, 84.8392



101.4370, -49.5154, 61.8838

Triad

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



100.2620, -20.3422, 84.8392



81.7650, -14.1811, -71.7079



92.7160, 60.7790, -81.3119

Complementary

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



100.2620, -20.3422, 84.8392



155.7380, 20.3422, -84.8392

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.



97.4630, 51.0437, -85.4751



100.2620, -20.3422, 84.8392



89.7960, 8.9746, -78.7511

Square

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



100.2620, -20.3422, 84.8392



94.3490, -46.5141, -14.3381



95.8380, 32.1249, -84.0499



110.0740, 44.8265, -4.4499

Rectangle

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



100.2620, -20.3422, 84.8392



102.9410, -50.7499, 37.7627



95.8380, 32.1249, -84.0499



95.4230, 58.4585, -83.6860

Sweetspot

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



100.2620, -20.3422, 84.8392



217.1460, -7.9600, 33.1980



115.9940, 39.9360, 71.0423



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.



100.2620, -20.3422, 84.8392



104.9860, -31.5451, 131.5623



140.7650, -40.3101, 49.3181



92.6910, -1.3267, 5.5330



48.7370, -24.0273, 100.2087



10.7640, -5.3067, 22.1320

Inverse Universe

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



155.7380, 20.3422, -84.8392



191.0140, 31.5451, -131.5623



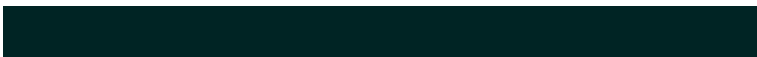
115.2350, 40.3101, -49.3181



96.3090, 1.3267, -5.5330



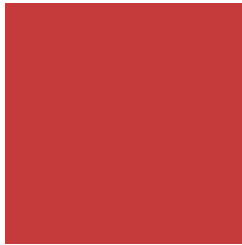
114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Previews

White Background



This preview shows how the YUV color 100.2620, -20.3422, 84.8392 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 100.2620, -20.3422, 84.8392 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 100.2620, -20.3422, 84.8392

Background



This preview shows how black text looks on a background with the YUV color 100.2620, -20.3422, 84.8392.

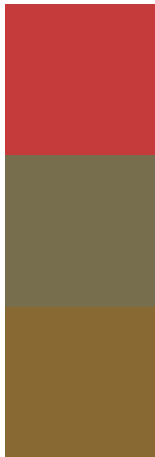


This preview shows how white text looks on a background with the YUV color 100.2620, -20.3422, 84.8392.

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

100.2620, -20.3422, 84.8392

Protanopia

108.9290, -15.7410, 8.8323

Deuteranopia

108.1130, -28.1567, 24.4569



Tritanopia

100.4900, -19.4686, 84.6393

Trichromacy



Original Color

100.2620, -20.3422, 84.8392

Protanomaly

105.3500, -17.4275, 36.5271

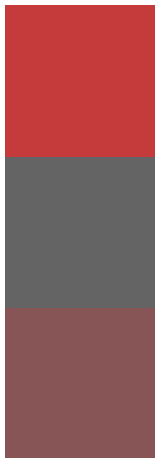
Deuteranomaly

105.0540, -25.1696, 46.4336

Tritanomaly

100.3760, -19.9054, 84.7392

Monochromacy



Original Color

100.2620, -20.3422, 84.8392

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9500, -7.3703, 30.7389

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2620, -20.3422, 84.8392 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(197, 59, 59)` looks like.

```
.text, #text, p{  
    color:rgb(197, 59, 59)  
}
```

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(197, 59, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 59, 59) }
```

Border

The CSS property to change the border of an element to YUV 100.2620, -20.3422, 84.8392 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(197, 59, 59) }
```


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

```
.border{ border-color:rgb(197, 59, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 59, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 59, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 59, 59);  
box-shadow:4px 4px 4px 4px rgb(197, 59,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 100.2620, -20.3422, 84.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 59, 59) }
```

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

```
.background{ background-color: rgb(197, 59,  
59) }
```

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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