

Converting Colors

YUV(123.8420, -20.1351,
65.0366)

Have a look what the booklet for
YUV(123.8420, -20.1351, 65.0366)
contains.

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Color

**YUV(123.8420, -20.1351,
65.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	C65E53
RGB	198, 94, 83
RGB Percent	78%, 37%, 33%
CMY	0.2235, 0.6314, 0.6745
CMYK	0.00, 0.53, 0.58, 0.22
HSL	6°, 50%, 55%
HSV	6°, 58%, 78%
XYZ	28.8527, 20.6357, 10.6460
YIQ	123.8420, 65.5150, 18.6270

Conversions

Conversions Part 2

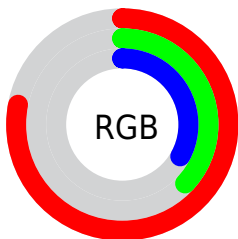
Format	Color
R_{YB}	198, 95, 83
Decimal	13000275
CIE Lab	52.55, 40.57, 26.05
CIE LCh	53, 48.212, 32.704
Yxy	20.6357, 0.4798, 0.3432
Android (android.graphics.Color)	4291190355 (0xFFC65E53)
YUV	123.8420, -20.1351, 65.0366
Hunter-Lab	45.4265, 33.8781, 17.9036

Details

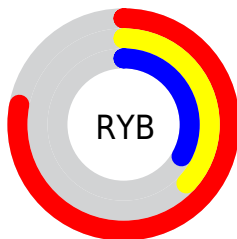
The YUV color **123.8420, -20.1351, 65.0366** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **157.1580, 20.1351, -65.0366**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6960, -22.0351, 67.7956**, and **71.1340, -16.3351, 59.5185** is the 20% darker color. If you saturate the color by 10%, you get **110.9960, -23.6620, 76.3025**, and if you desaturate by 10%, it is **136.6880, -16.6082, 53.7706**.

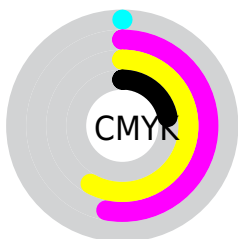
Distribution



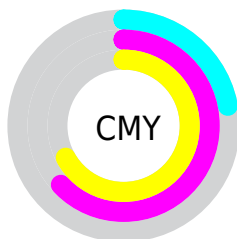
- Red (78%)
- Green (37%)
- Blue (33%)



- Red (78%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (58%)
- Black (22%)





- Cyan (22%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.8420, -20.1351, 65.0366 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 123.8420, -20.1351, 65.0366 by changing the saturation by 10% instead.


 123.8420,
-20.1351, 65.0366


 123.8420,
-20.1351, 65.0366


255.0000, 0.0000,
0.0000


 96.9880, -18.2351,
62.2775


 177.6960,
-22.0351, 67.7956


 71.1340, -16.3351,
59.5185


 196.5090,
-18.4919, 51.2966


 42.4590, -12.5513,
59.2335


 216.0230,
-14.8013, 34.1828

 24.5180, -12.0874,
50.4117

 236.2380,
-10.9633, 16.4543

 16.5590, -7.6706,
33.7128

 253.5180, -5.6784,
1.2997

 5.6810, -2.8007,
11.6808

 0.0000, 0.0000,

0.0000

■ 123.8420,
-20.1351, 65.0366

■ 123.8420,
-20.1351, 65.0366

■ 110.9960,
-23.6620, 76.3025

■ 136.6880,
-16.6082, 53.7706

■ 98.1500, -27.1889,
87.5685

■ 149.5340,
-13.0813, 42.5047

■ 85.4180, -30.2791,
98.7344

■ 162.2660, -9.9911,
31.3387

■ 72.5720, -33.8060,
110.0004

■ 175.1120, -6.4642,
20.0728

■ 70.3550, -34.6850,
111.9447

■ 187.9580, -2.9373,
8.8068

■ 200.2170, 0.8790,
-1.9443

■ 213.0630, 4.4059,
-13.2103

■ 225.7950, 7.4961,
-24.3762

■ 237.9570, 8.4022,
-35.0423

Harmonies

Analogous

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



125.4780, -1.2217, 65.3558



123.8420, -20.1351, 65.0366



123.0190, -35.5054, 48.2183

Triad

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



123.8420, -20.1351, 65.0366



105.4060, -9.5672, -58.2381



111.3950, 47.6263, -62.6134

Complementary

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



123.8420, -20.1351, 65.0366



157.1580, 20.1351, -65.0366

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.



104.1650, 46.2607, -91.3527



123.8420, -20.1351, 65.0366



100.2940, 13.6591, -87.9578

Square

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



123.8420, -20.1351, 65.0366



116.1440, -32.1160, -12.4043



104.3810, 31.8572, -91.5421



128.0290, 33.0167, 3.4826

Rectangle

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



123.8420, -20.1351, 65.0366



121.7150, -41.2715, 30.9449



104.3810, 31.8572, -91.5421



101.6690, 51.9282, -89.1637

Sweetspot

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



123.8420, -20.1351, 65.0366



227.2050, -7.4961, 24.3762



129.3550, 28.9120, 60.2017



110.9480, -4.4114, 14.9546



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.



123.8420, -20.1351, 65.0366



140.2010, -31.1581, 100.6787



156.7140, -36.3410, 36.2078



92.6910, -1.3267, 5.5330



58.1290, -28.6576, 91.9719



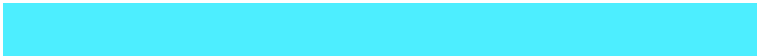
12.5250, -6.1748, 20.5876

Inverse Universe

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



157.1580, 20.1351, -65.0366



191.7990, 31.1581, -100.6787



124.2860, 36.3410, -36.2078



95.7220, 1.6161, -5.0182



105.4580, 28.3682, -92.4867



22.8880, 6.4642, -20.0728

Previews

White Background



This preview shows how the YUV color 123.8420, -20.1351, 65.0366 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 123.8420, -20.1351, 65.0366 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 123.8420, -20.1351, 65.0366

Background



This preview shows how black text looks on a background with the YUV color 123.8420, -20.1351, 65.0366.



This preview shows how white text looks on a background with the YUV color 123.8420, -20.1351,

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

123.8420, -20.1351, 65.0366

Protanopia

125.2710, -14.4306, 8.5323

Deuteranopia

124.7800, -23.0625, 23.8719



Tritanopia

124.6770, -13.1518, 65.1813

Trichromacy



Original Color

123.8420, -20.1351, 65.0366

Protanomaly

124.5340, -16.5323, 29.3497

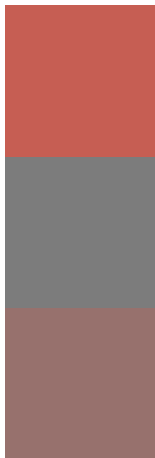
Deuteranomaly

124.8080, -22.0903, 38.7564

Tritanomaly

124.6940, -15.6251, 65.1664

Monochromacy



Original Color

123.8420, -20.1351, 65.0366

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9060, -7.3487, 23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8420, -20.1351, 65.0366 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(198, 94, 83)` looks like.

```
.text, #text, p{  
    color:rgb(198, 94, 83)  
}
```

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(198, 94, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 94, 83) }
```

Border

The CSS property to change the border of an element to YUV 123.8420, -20.1351, 65.0366 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(198, 94, 83) }
```


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

```
.border{ border-color:rgb(198, 94, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 94, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 94, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 94, 83);  
box-shadow:4px 4px 4px 4px rgb(198, 94,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 123.8420, -20.1351, 65.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 94, 83) }
```

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

```
.background{ background-color: rgb(198, 94,  
83) }
```

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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