

Converting Colors

YUV(105.3420, -14.9586,
84.7691)

Have a look what the booklet for
YUV(105.3420, -14.9586, 84.7691)
contains.

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Color

**YUV(105.3420, -14.9586,
84.7691)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3E4B
RGB	202, 62, 75
RGB Percent	79%, 24%, 29%
CMY	0.2078, 0.7569, 0.7059
CMYK	0.00, 0.69, 0.63, 0.21
HSL	354°, 57%, 52%
HSV	354°, 69%, 79%
XYZ	27.3497, 16.5098, 8.4018
YIQ	105.3420, 79.2670, 33.7230

Conversions

Conversions Part 2

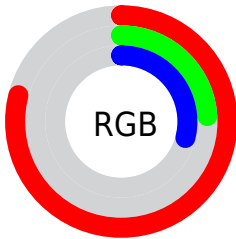
Format	Color
R_{YB}	202, 62, 75
Decimal	13254219
CIE Lab	47.64, 55.80, 24.57
CIE LCh	48, 60.973, 23.765
Yxy	16.5098, 0.5233, 0.3159
Android (android.graphics.Color)	4291444299 (0xFFCA3E4B)
YUV	105.3420, -14.9586, 84.7691
Hunter-Lab	40.6323, 49.0426, 16.1828

Details

The YUV color **105.3420, -14.9586, 84.7691** 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 **158.6580, 14.9586, -84.7691**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6470, -17.5740, 83.6246**, and **45.6930, -7.2436, 83.5842** is the 20% darker color. If you saturate the color by 10%, you get **91.5500, -17.0331, 96.8646**, and if you desaturate by 10%, it is **119.1340, -12.8841, 72.6735**.

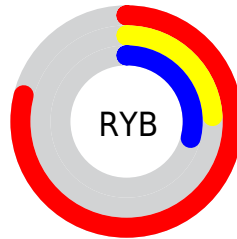
Distribution



Red (79%)

Green (24%)

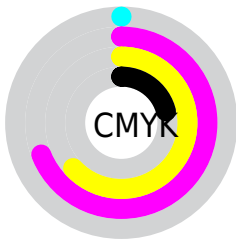
Blue (29%)



Red (79%)

Yellow (24%)

Blue (29%)

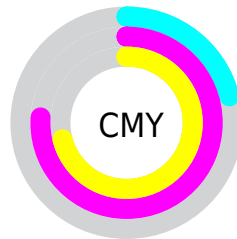


Cyan (0%)

Magenta (69%)

Yellow (63%)

Black (21%)



Cyan (21%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3420, -14.9586, 84.7691 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 105.3420, -14.9586, 84.7691 by changing the saturation by 10% instead.

■ 105.3420,
-14.9586, 84.7691

■ 105.3420,
-14.9586, 84.7691

255.0000, 0.0000,
0.0000

■ 74.6670, -11.1748,
84.4840

■ 159.6470,
-17.5740, 83.6246

■ 45.6930, -7.2436,
83.5842

■ 178.9330,
-14.7570, 66.7108

■ 34.2150, -12.4310,
67.3404

■ 198.4470,
-11.0664, 49.5970

■ 24.5180, -12.0874,
50.4117

■ 218.6620, -7.2284,
31.8684

■ 16.3740, -7.0864,
32.9980

■ 238.8770, -3.3904,
14.1399

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,

0.0000

■ 105.3420,
-14.9586, 84.7691

■ 105.3420,
-14.9586, 84.7691

■ 91.5500, -17.0331,
96.8646

■ 119.1340,
-12.8841, 72.6735

■ 77.6440, -19.5445,
109.0602

■ 133.0400,
-10.3727, 60.4779

■ 63.2650, -21.3296,
121.6706

■ 147.4190, -8.5876,
47.8675

■ 62.5640, -21.4771,
122.2854

■ 161.2110, -6.5130,
35.7720

■ 175.1170, -4.0017,
23.5764

■ 188.9090, -1.9271,
11.4808

■ 202.7010, 0.1474,
-0.6148

■ 217.1940, 2.3694,
-13.3251

■ 230.9860, 4.4439,
-25.4207

Harmonies

Analogous

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



107.6120, 9.0653, 79.2703



105.3420, -14.9586, 84.7691



107.3910, -39.6328, 65.4321

Triad

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



105.3420, -14.9586, 84.7691



82.5540, -17.5281, -71.5229



96.2380, 59.0427, -84.4007

Complementary

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



105.3420, -14.9586, 84.7691



158.6580, 14.9586, -84.7691

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.



100.4150, 47.1234, -88.0640



105.3420, -14.9586, 84.7691



90.6450, 4.6120, -79.4957

Square

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



105.3420, -14.9586, 84.7691



100.6170, -49.6042, -3.1721



97.2740, 27.4729, -85.3093



110.7730, 47.9329, -20.8489

Rectangle

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



105.3420, -14.9586, 84.7691



106.2410, -52.3768, 46.2696



97.2740, 27.4729, -85.3093



98.7170, 55.8485, -86.5748

Sweetspot

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



105.3420, -14.9586, 84.7691



217.7160, -5.7760, 32.6981



115.6340, 42.5784, 63.4650



105.9100, -3.4066, 19.3729



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.



105.3420, -14.9586, 84.7691



108.6680, -22.5143, 128.3332



136.7320, -36.8429, 57.2400



95.1040, -1.0373, 6.0478



51.3440, -17.9176, 100.5533



11.8180, -3.8543, 22.9616

Inverse Universe

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



105.3420, -14.9586, 84.7691



108.6680, -22.5143, 128.3332



127.2680, 36.8429, -57.2400



95.1040, -1.0373, 6.0478



51.3440, -17.9176, 100.5533



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 105.3420, -14.9586, 84.7691 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 105.3420, -14.9586, 84.7691 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 105.3420, -14.9586, 84.7691 Background



This preview shows how black text looks on a background with the YUV color 105.3420, -14.9586, 84.7691.

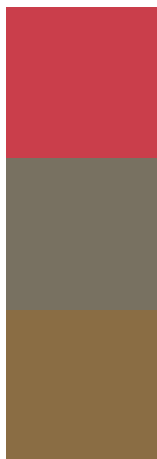


This preview shows how white text looks on a background with the YUV color 105.3420, -14.9586,

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

105.3420, -14.9586, 84.7691

Protanopia

113.2690, -8.0206, 5.9031

Deuteranopia

112.9970, -22.1835, 21.9276



Tritanopia

105.0170, -18.7424, 85.0541

Trichromacy



Original Color

105.3420, -14.9586, 84.7691

Protanomaly

110.1740, -10.4388, 34.9274

Deuteranomaly

110.2370, -19.3438, 44.5192

Tritanomaly

105.3590, -17.4320, 84.7542

Monochromacy



Original Color

105.3420, -14.9586, 84.7691

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8190, -5.3338, 30.8537

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3420, -14.9586, 84.7691 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(202, 62, 75)` looks like.

```
.text, #text, p{  
    color:rgb(202, 62, 75)  
}
```

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(202, 62, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 62, 75) }
```

Border

The CSS property to change the border of an element to YUV 105.3420, -14.9586, 84.7691 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(202, 62, 75) }
```


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

```
.border{ border-color:rgb(202, 62, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 62, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 62, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 62, 75);  
box-shadow:4px 4px 4px 4px rgb(202, 62,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 105.3420, -14.9586, 84.7691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 62, 75) }
```

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

```
.background{ background-color: rgb(202, 62,  
75) }
```

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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