

Converting Colors

YUV(101.6320, -18.0596,
99.4237)

Have a look what the booklet for
YUV(101.6320, -18.0596, 99.4237)
contains.

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Color

**YUV(101.6320, -18.0596,
99.4237)**

Conversions

Conversions Part 1

Format	Color
Hex	D73341
RGB	215, 51, 65
RGB Percent	84%, 20%, 25%
CMY	0.1569, 0.8000, 0.7451
CMYK	0.00, 0.76, 0.70, 0.16
HSL	355°, 67%, 52%
HSV	355°, 76%, 84%
XYZ	30.1623, 17.1964, 6.7305
YIQ	101.6320, 93.2500, 39.1220

Conversions

Conversions Part 2

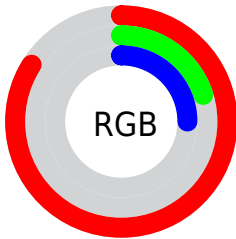
Format	Color
R_{YB}	215, 51, 65
Decimal	14103361
CIE _{Lab}	48.51, 63.00, 32.14
CIE _{LCh}	49, 70.724, 27.028
Yxy	17.1964, 0.5576, 0.3179
Android (android.graphics.Color)	4292293441 (0xFFD73341)
YUV	101.6320, -18.0596, 99.4237
Hunter-Lab	41.4685, 57.2628, 19.4049

Details

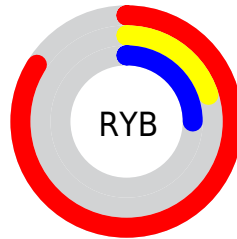
The YUV color **101.6320, -18.0596, 99.4237** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **164.3680, 18.0596, -99.4237**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2840, -20.3530, 88.3279**, and **47.9560, -12.7963, 91.2466** is the 20% darker color. If you saturate the color by 10%, you get **87.0250, -20.7183, 112.2341**, and if you desaturate by 10%, it is **116.8260, -15.6902, 86.0986**.

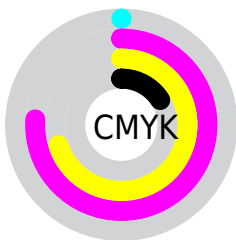
Distribution



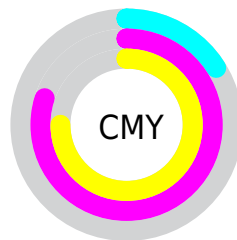
- Red (84%)
- Green (20%)
- Blue (25%)



- Red (84%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (76%)
- Yellow (70%)
- Black (16%)





- Cyan (16%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.6320, -18.0596, 99.4237 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 101.6320, -18.0596, 99.4237 by changing the saturation by 10% instead.


 101.6320,
-18.0596, 99.4237


 101.6320,
-18.0596, 99.4237


255.0000, 0.0000,
0.0000


 61.9670, -9.3507,
106.1459


 154.2840,
-20.3530, 88.3279


 47.9560, -12.7963,
91.2466


 174.1570,
-17.8254, 70.8993

 36.4780, -17.9837,
75.0028


 193.6710,
-14.1348, 53.7855

 27.2090, -13.4140,
55.9447

 213.7720,
-10.7336, 36.1570

 18.8800, -7.8288,
37.8162

 234.5740, -7.1850,
17.9136

 8.1870, -3.5432,
16.4990

 254.2020, -3.0576,

 0.0000, 0.0000,

0.6998

0.0000

■ 101.6320,
-18.0596, 99.4237

■ 101.6320,
-18.0596, 99.4237

■ 87.0250, -20.7183,
112.2341

■ 116.8260,
-15.6902, 86.0986

■ 71.9450, -22.6509,
125.4592

■ 131.3190,
-13.4683, 73.3882

■ 66.3370, -23.8301,
130.3775

■ 146.5130,
-11.0989, 60.0631

■ 161.1200, -8.4402,
47.2528

■ 176.2000, -6.5076,
34.0276

■ 190.8070, -3.8489,
21.2173

■ 206.0010, -1.4795,
7.8921

■ 220.4940, 0.7425,
-4.8182

■ 235.6880, 3.1118,
-18.1434

Harmonies

Analogous

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



100.1400, 11.7630, 100.7322



101.6320, -18.0596, 99.4237



105.8190, -52.1688, 72.9497

Triad

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



101.6320, -18.0596, 99.4237



84.8480, -20.1381, -74.4117



100.2790, 66.9105, -87.9447

Complementary

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



101.6320, -18.0596, 99.4237



164.3680, 18.0596, -99.4237

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.



105.0430, 54.7018, -92.1227



101.6320, -18.0596, 99.4237



94.3780, 6.2226, -82.7695

Square

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



101.6320, -18.0596, 99.4237



100.5620, -49.5771, -11.8939



101.9190, 32.5779, -89.3830



113.4020, 54.0318, -17.0156

Rectangle

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



101.6320, -18.0596, 99.4237



108.6000, -53.5398, 45.9548



101.9190, 32.5779, -89.3830



102.8720, 64.1531, -90.2187

Sweetspot

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



101.6320, -18.0596, 99.4237



214.2110, -6.5130, 35.7720



113.9480, 49.8186, 74.5906



103.1060, -3.9963, 21.8320



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.



101.6320, -18.0596, 99.4237



92.5450, -25.9047, 142.4730



138.7780, -43.2746, 66.8467



99.4030, -1.1847, 6.6626



52.8390, -18.6546, 103.6272



13.3130, -4.5913, 26.0355

Inverse Universe

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



101.6320, -18.0596, 99.4237



92.5450, -25.9047, 142.4730



127.2220, 43.2746, -66.8467



99.4030, -1.1847, 6.6626



52.8390, -18.6546, 103.6272



13.3130, -4.5913, 26.0355

Previews

White Background



This preview shows how the YUV color 101.6320, -18.0596, 99.4237 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 101.6320, -18.0596, 99.4237 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 101.6320, -18.0596, 99.4237

Background



This preview shows how black text looks on a background with the YUV color 101.6320, -18.0596, 99.4237.



This preview shows how white text looks on a background with the YUV color 101.6320, -18.0596,

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

101.6320, -18.0596, 99.4237

Protanopia

115.3140, -12.9728, 7.6176

Deuteranopia

113.7110, -28.4515, 25.6865



Tritanopia

101.5520, -23.4431, 99.4939

Trichromacy



Original Color

101.6320, -18.0596, 99.4237

Protanomaly

110.0670, -14.8230, 41.1602

Deuteranomaly

109.5000, -24.8965, 52.1815

Tritanomaly

101.4210, -21.4066, 99.6088

Monochromacy



Original Color

101.6320, -18.0596, 99.4237

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.6240, -6.2236, 36.2868

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6320, -18.0596, 99.4237 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(215, 51, 65)` looks like.

```
.text, #text, p{  
    color:rgb(215, 51, 65)  
}
```

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(215, 51, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 51, 65) }
```

Border

The CSS property to change the border of an element to YUV 101.6320, -18.0596, 99.4237 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(215, 51, 65) }
```


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

```
.border{ border-color:rgb(215, 51, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 51, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 51, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 51, 65);  
box-shadow:4px 4px 4px 4px rgb(215, 51,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 101.6320, -18.0596, 99.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 51, 65) }
```

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

```
.background{ background-color: rgb(215, 51,  
65) }
```

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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