

Converting Colors

YUV(109.2620, -16.8912,
97.9942)

Have a look what the booklet for
YUV(109.2620, -16.8912, 97.9942)
contains.

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Color

**YUV(109.2620, -16.8912,
97.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3B4B
RGB	221, 59, 75
RGB Percent	87%, 23%, 29%
CMY	0.1333, 0.7686, 0.7059
CMYK	0.00, 0.73, 0.66, 0.13
HSL	354°, 70%, 55%
HSV	354°, 73%, 87%
XYZ	32.6528, 19.0081, 8.6045
YIQ	109.2620, 91.4160, 39.3200

Conversions

Conversions Part 2

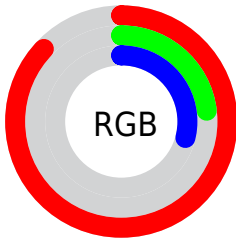
Format	Color
R_{YB}	221, 59, 75
Decimal	14498635
CIE _{Lab}	50.70, 62.70, 29.17
CIE _{LCh}	51, 69.152, 24.948
Yxy	19.0081, 0.5418, 0.3154
Android (android.graphics.Color)	4292688715 (0xFFDD3B4B)
YUV	109.2620, -16.8912, 97.9942
Hunter-Lab	43.5983, 57.3900, 18.8173

Details

The YUV color **109.2620, -16.8912, 97.9942** 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 **170.7380, 16.8912, -97.9942**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6470, -17.5740, 83.6246**, and **50.7760, -9.7496, 94.0354** is the 20% darker color. If you saturate the color by 10%, you get **94.0680, -19.2605, 111.3194**, and if you desaturate by 10%, it is **124.4560, -14.5218, 84.6691**.

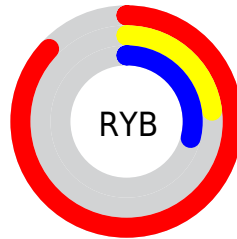
Distribution



Red (87%)

Green (23%)

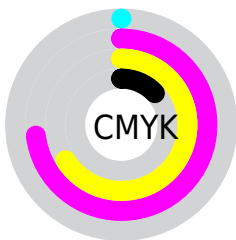
Blue (29%)



Red (87%)

Yellow (23%)

Blue (29%)

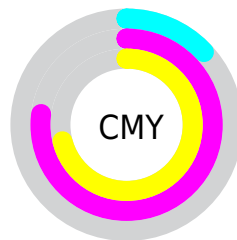


Cyan (0%)

Magenta (73%)

Yellow (66%)

Black (13%)



Cyan (13%)


Magenta (77%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.2620, -16.8912, 97.9942 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 109.2620, -16.8912, 97.9942 by changing the saturation by 10% instead.


 109.2620,
-16.8912, 97.9942

 109.2620,
-16.8912, 97.9942


255.0000, 0.0000,
0.0000

 75.0650, -11.3710,
100.7980


 159.6470,
-17.5740, 83.6246


 50.7760, -9.7496,
94.0354


 179.0470,
-14.3202, 66.6108


 39.4120, -14.5001,
77.6917


 199.0340,
-11.3558, 49.0822

 29.0030, -14.2985,
59.6334

 219.2490, -7.5178,
31.3536

 20.9730, -8.8607,
42.1197

 240.0510, -3.9691,
13.1103

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 109.2620,
-16.8912, 97.9942

■ 109.2620,
-16.8912, 97.9942

■ 94.0680, -19.2605,
111.3194

■ 124.4560,
-14.5218, 84.6691

■ 78.8740, -21.6299,
124.6445

■ 139.6500,
-12.1525, 71.3439

■ 68.5870, -22.9674,
133.6662

■ 154.8440, -9.7831,
58.0188

■ 170.0380, -7.4137,
44.6937

■ 185.8190, -5.3338,
30.8537

■ 201.0130, -2.9644,
17.5286

■ 216.0930, -1.0318,
4.3034

■ 231.2870, 1.3375,
-9.0217

■ 244.7200, 4.5750,
-20.8024

Harmonies

Analogous

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



110.2810, 11.2005, 94.4696



109.2620, -16.8912, 97.9942



112.8560, -48.2430, 73.7943

Triad

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



109.2620, -16.8912, 97.9942



88.0110, -20.7114, -77.1856



104.1430, 66.4845, -91.3334

Complementary

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



109.2620, -16.8912, 97.9942



170.7380, 16.8912, -97.9942

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.



108.6790, 53.4023, -95.3115



109.2620, -16.8912, 97.9942



98.1280, 5.3599, -86.0583

Square

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



109.2620, -16.8912, 97.9942



106.7860, -52.6455, -7.7053



105.5550, 31.2784, -92.5717



117.8960, 54.7743, -21.8338

Rectangle

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



109.2620, -16.8912, 97.9942



113.6390, -56.0240, 49.4286



105.5550, 31.2784, -92.5717



106.6220, 63.2904, -93.5075

Sweetspot

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



109.2620, -16.8912, 97.9942



216.3140, -6.0708, 33.9276



121.1220, 49.2399, 73.5610



104.6220, -3.2646, 20.5025



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.



109.2620, -16.8912, 97.9942



100.4840, -23.4096, 135.5105



145.5930, -42.6903, 66.1319



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.3240, -4.5967, 27.7799

Inverse Universe

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



109.2620, -16.8912, 97.9942



100.4840, -23.4096, 135.5105



134.4070, 42.6903, -66.1319



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 109.2620, -16.8912, 97.9942 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 109.2620, -16.8912, 97.9942 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 109.2620, -16.8912, 97.9942

Background



This preview shows how black text looks on a background with the YUV color 109.2620, -16.8912, 97.9942.



This preview shows how white text looks on a background with the YUV color 109.2620, -16.8912, 97.9942.

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

109.2620, -16.8912, 97.9942

Protanopia

120.6990, -10.2046, 6.4030

Deuteranopia

119.8680, -26.5569, 24.6718



Tritanopia

109.1820, -22.2747, 98.0644

Trichromacy



Original Color

109.2620, -16.8912, 97.9942

Protanomaly

116.3380, -12.4916, 40.0456

Deuteranomaly

115.9560, -23.1493, 51.7816

Tritanomaly

109.0510, -20.2381, 98.1793

Monochromacy



Original Color

109.2620, -16.8912, 97.9942

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3250, -6.0762, 35.6720

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2620, -16.8912, 97.9942 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(221, 59, 75)` looks like.

```
.text, #text, p{  
    color:rgb(221, 59, 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(221, 59, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 59, 75) }
```

Border

The CSS property to change the border of an element to YUV 109.2620, -16.8912, 97.9942 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(221, 59, 75) }
```


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

```
.border{ border-color:rgb(221, 59, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 59, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 59, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 59, 75);  
box-shadow:4px 4px 4px 4px rgb(221, 59,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 109.2620, -16.8912, 97.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 59, 75) }
```

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

```
.background{ background-color: rgb(221, 59,  
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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