

Converting Colors

YUV(107.1360, -12.3920,
101.6127)

Have a look what the booklet for
YUV(107.1360, -12.3920, 101.6127)
contains.

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Color

**YUV(107.1360, -12.3920,
101.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	DF3552
RGB	223, 53, 82
RGB Percent	87%, 21%, 32%
CMY	0.1255, 0.7922, 0.6784
CMYK	0.00, 0.76, 0.63, 0.13
HSL	350°, 73%, 54%
HSV	350°, 76%, 87%
XYZ	33.2275, 18.8434, 9.8685
YIQ	107.1360, 92.0110, 45.0590

Conversions

Conversions Part 2

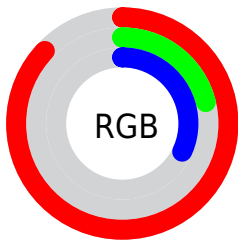
Format	Color
R_{YB}	223, 53, 82
Decimal	14628178
CIE Lab	50.50, 65.57, 24.82
CIE LCh	51, 70.116, 20.734
Yxy	18.8434, 0.5365, 0.3042
Android (android.graphics.Color)	4292818258 (0xFFDF3552)
YUV	107.1360, -12.3920, 101.6127
Hunter-Lab	43.4090, 60.6677, 16.9074

Details

The YUV color **107.1360, -12.3920, 101.6127** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **168.8640, 12.3920, -101.6127**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0970, -13.3588, 84.9839**, and **52.1720, -6.9868, 94.5652** is the 20% darker color. If you saturate the color by 10%, you get **92.1700, -13.8878, 114.7379**, and if you desaturate by 10%, it is **122.1020, -10.8963, 88.4875**.

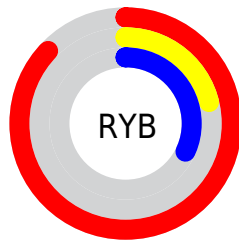
Distribution



Red (87%)

Green (21%)

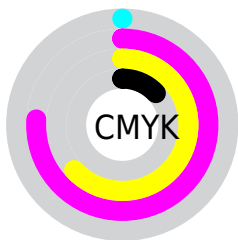
Blue (32%)



Red (87%)

Yellow (21%)

Blue (32%)

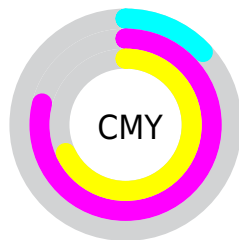


Cyan (0%)

Magenta (76%)

Yellow (63%)

Black (13%)



Cyan (13%)


Magenta (79%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.1360, -12.3920, 101.6127 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 107.1360, -12.3920, 101.6127 by changing the saturation by 10% instead.


 107.1360,
-12.3920, 101.6127

 107.1360,
-12.3920, 101.6127


255.0000, 0.0000,
0.0000


 66.4820, -3.6886,
110.0793


 158.0970,
-13.3588, 84.9839

 52.1720, -6.9868,
94.5652


 178.0840,
-10.3944, 67.4553

 40.9220, -11.3005,
78.1214


 198.1850, -6.9932,
49.8268

 29.6010, -14.5933,
60.8629

 218.4000, -3.1552,
32.0982

 21.2720, -9.0081,
42.7345

 238.6150, 0.6828,
14.3696

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 107.1360,
-12.3920, 101.6127

■ 107.1360,
-12.3920, 101.6127

■ 92.1700, -13.8878,
114.7379

■ 122.1020,
-10.8963, 88.4875

■ 76.5030, -15.5310,
128.4779

■ 137.7690, -9.2531,
74.7476


■ 71.0090, -16.2734,
133.2961

■ 152.7350, -7.7574,
61.6224

■ 167.8150, -5.8248,
48.3972

■ 183.3680, -4.6184,
34.7573

■ 198.4480, -2.6859,
21.5321

 213.4140, -1.1901,
8.4069

 228.4940, 0.7425,
-4.8182

 244.0470, 1.9488,
-18.4582

Harmonies

Analogous

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



110.5950, 14.9897, 92.4402



107.1360, -12.3920, 101.6127



111.7410, -43.7493, 79.1571

Triad

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



107.1360, -12.3920, 101.6127



86.1700, -25.2268, -75.5711



105.3170, 65.9057, -92.3630

Complementary

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



107.1360, -12.3920, 101.6127



168.8640, 12.3920, -101.6127

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.



108.1090, 51.2183, -94.8116



107.1360, -12.3920, 101.6127



96.4010, 1.2813, -84.5437

Square

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



107.1360, -12.3920, 101.6127



108.0040, -53.2460, -1.7575



104.0560, 28.0734, -91.2571



113.2250, 59.0491, -39.6623

Rectangle

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



107.1360, -12.3920, 101.6127



113.0850, -55.7509, 55.1765



104.0560, 28.0734, -91.2571



107.0950, 62.5642, -93.9223

Sweetspot

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



107.1360, -12.3920, 101.6127



214.7810, -4.3290, 35.2721



113.9410, 53.7661, 68.4577



103.4480, -2.6859, 21.5321



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.



107.1360, -12.3920, 101.6127



96.9280, -16.7265, 138.6291



135.5280, -40.6863, 76.7129



104.5170, -0.7479, 6.5626



56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Inverse Universe

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



107.1360, -12.3920, 101.6127



96.9280, -16.7265, 138.6291



140.4720, 40.6863, -76.7129



104.5170, -0.7479, 6.5626



56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 107.1360, -12.3920, 101.6127 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 107.1360, -12.3920, 101.6127 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 107.1360, -12.3920, 101.6127 Background



This preview shows how black text looks on a background with the YUV color 107.1360, -12.3920, 101.6127.

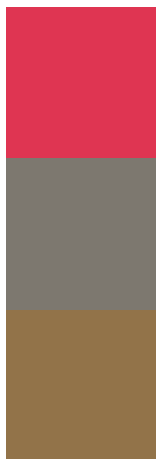


This preview shows how white text looks on a background with the YUV color 107.1360, -12.3920, 101.6127.

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

107.1360, -12.3920, 101.6127

Protanopia

120.4690, -4.6682, 3.9737

Deuteranopia

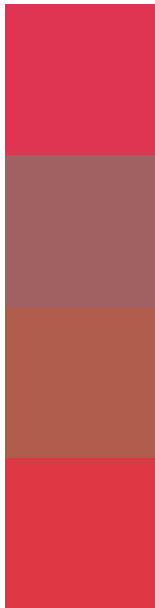
119.4810, -22.9151, 23.2572



Tritanopia

107.2640, -23.3012, 100.6235

Trichromacy



Original Color

107.1360, -12.3920, 101.6127

Protanomaly

115.8910, -7.8343, 39.5606

Deuteranomaly

114.6940, -19.0761, 52.0114

Tritanomaly

107.0020, -19.2280, 100.8532

Monochromacy



Original Color

107.1360, -12.3920, 101.6127

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7920, -4.3345, 37.0164

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1360, -12.3920, 101.6127 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(223, 53, 82)` looks like.

```
.text, #text, p{  
    color:rgb(223, 53, 82)  
}
```

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(223, 53, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 53, 82) }
```

Border

The CSS property to change the border of an element to YUV 107.1360, -12.3920, 101.6127 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(223, 53, 82) }
```


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

```
.border{ border-color:rgb(223, 53, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 53, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 53, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 53, 82);  
box-shadow:4px 4px 4px 4px rgb(223, 53,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 107.1360, -12.3920, 101.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 53, 82) }
```

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

```
.background{ background-color: rgb(223, 53,  
82) }
```

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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