

Converting Colors

YUV(107.0620, -27.1456,
73.6136)

Have a look what the booklet for
YUV(107.0620, -27.1456, 73.6136)
contains.

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Color

**YUV(107.0620, -27.1456,
73.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4B34
RGB	191, 75, 52
RGB Percent	75%, 29%, 20%
CMY	0.2510, 0.7059, 0.7961
CMYK	0.00, 0.61, 0.73, 0.25
HSL	10°, 57%, 48%
HSV	10°, 73%, 75%
XYZ	24.6218, 16.3565, 5.1082
YIQ	107.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

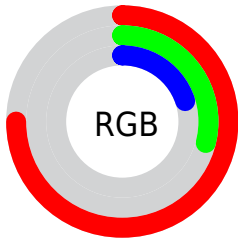
Format	Color
R_{YB}	191, 80, 52
Decimal	12536628
CIE _{Lab}	47.44, 45.29, 37.24
CIE _{LCh}	47, 58.639, 39.431
Yxy	16.3565, 0.5343, 0.3549
Android (android.graphics.Color)	4290726708 (0xFFBF4B34)
YUV	107.0620, -27.1456, 73.6136
Hunter-Lab	40.4431, 37.8954, 20.8215

Details

The YUV color **107.0620, -27.1456, 73.6136** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **135.9380, 27.1456, -73.6136**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1830, -30.6562, 79.6465**, and **50.5330, -21.4618, 70.5696** is the 20% darker color. If you saturate the color by 10%, you get **95.5040, -30.8145, 83.7500**, and if you desaturate by 10%, it is **118.6200, -23.4767, 63.4773**.

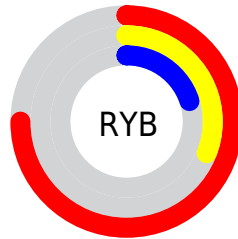
Distribution



Red (75%)

Green (29%)

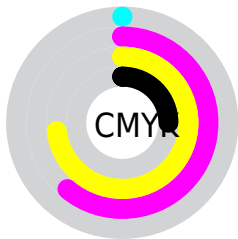
Blue (20%)



Red (75%)

Yellow (31%)

Blue (20%)

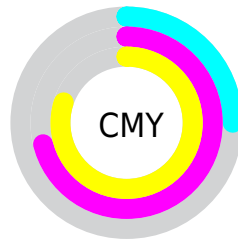


Cyan (0%)

Magenta (61%)

Yellow (73%)

Black (25%)



Cyan (25%)

Magenta (71%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0620, -27.1456, 73.6136 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 107.0620, -27.1456, 73.6136 by changing the saturation by 10% instead.

■ 107.0620,
-27.1456, 73.6136

■ 107.0620,
-27.1456, 73.6136

■ 255.0000, 0.0000,
0.0000

■ 79.7350, -24.5194,
71.2694

■ 162.1830,
-30.6562, 79.6465

■ 50.5330, -21.4618,
70.5696

■ 181.4800,
-27.8446, 64.4770

■ 30.1990, -14.8881,
62.0925

■ 200.8800,
-24.5908, 47.4632

■ 21.5280, -10.6133,
44.2639

■ 220.3940,
-20.9002, 30.3495

■ 13.9820, -5.9071,
28.0798

■ 240.6090,
-17.0622, 12.6209

■ 0.0000, 0.0000,
0.0000

■ 252.6060, -9.1728,

2.0995

■ 107.0620,
-27.1456, 73.6136

■ 107.0620,
-27.1456, 73.6136

■ 95.5040, -30.8145,
83.7500

■ 118.6200,
-23.4767, 63.4773

■ 83.9460, -34.4834,
93.8864

■ 130.1780,
-19.8078, 53.3409

■ 75.8930, -37.4152,
100.9488

■ 141.7360,
-16.1388, 43.2045

■ 153.2940,
-12.4699, 33.0682

■ 164.8520, -8.8010,
22.9318

■ 176.5240, -4.6953,
12.6955

■ 188.0820, -1.0264,
2.5591

■ 199.6400, 2.6425,
-7.5773

■ 210.6110, 6.6008,
-17.1988

Harmonies

Analogous

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



106.3060, -3.6019, 82.1696



107.0620, -27.1456, 73.6136



105.9040, -51.2247, 50.0732

Triad

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



107.0620, -27.1456, 73.6136



86.7350, -5.2924, -76.0666



90.3850, 59.4632, -79.2676

Complementary

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



107.0620, -27.1456, 73.6136



135.9380, 27.1456, -73.6136

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.



97.9190, 52.7909, -85.8750



107.0620, -27.1456, 73.6136



93.7230, 16.4056, -82.1951

Square

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



107.0620, -27.1456, 73.6136



97.5460, -35.2722, -26.7888



98.4940, 37.2245, -86.3792



115.3170, 36.3257, 15.5080

Rectangle

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



107.0620, -27.1456, 73.6136



105.2340, -51.8804, 26.9818



98.4940, 37.2245, -86.3792



94.0210, 58.1636, -82.4564

Sweetspot

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



107.0620, -27.1456, 73.6136



214.4290, -10.5645, 28.5648



107.0130, 31.0526, 73.6566



105.3890, -6.6008, 17.1988



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



107.0620, -27.1456, 73.6136



117.4170, -42.1106, 113.6443



146.3910, -46.5348, 39.1221



88.2780, -1.6161, 5.0182



62.5040, -30.8145, 83.7500



12.2040, -6.0166, 16.4841

Inverse Universe

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



135.9380, 27.1456, -73.6136



162.1700, 41.8212, -114.1591



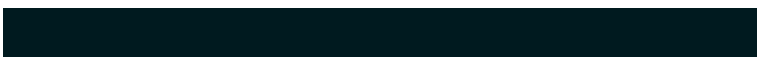
96.6090, 46.5348, -39.1221



90.7220, 1.6161, -5.0182



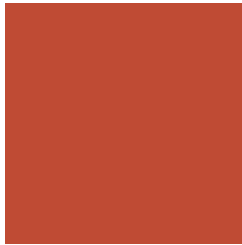
95.4960, 30.8145, -83.7500



18.7960, 6.0166, -16.4841

Previews

White Background



This preview shows how the YUV color 107.0620, -27.1456, 73.6136 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 107.0620, -27.1456, 73.6136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

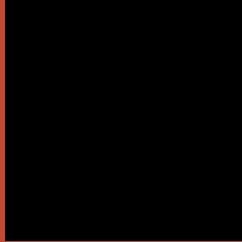
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.0620, -27.1456, 73.6136

Background



This preview shows how black text looks on a background with the YUV color 107.0620, -27.1456, 73.6136.



This preview shows how white text looks on a background with the YUV color 107.0620, -27.1456,

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

107.0620, -27.1456, 73.6136

Protanopia

110.7030, -23.0246, 11.6615

Deuteranopia

110.6850, -32.3827, 26.5863



Tritanopia

108.3360, -15.9416, 73.3733

Trichromacy



Original Color

107.0620, -27.1456, 73.6136

Protanomaly

109.2050, -24.2581, 34.0232

Deuteranomaly

109.3650, -30.2529, 43.5299

Tritanomaly

107.8970, -20.1622, 73.7583

Monochromacy



Original Color

107.0620, -27.1456, 73.6136

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9450, -9.8329, 27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0620, -27.1456, 73.6136 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(191, 75, 52)` looks like.

```
.text, #text, p{  
    color:rgb(191, 75, 52)  
}
```

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(191, 75, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 75, 52) }
```

Border

The CSS property to change the border of an element to YUV 107.0620, -27.1456, 73.6136 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(191, 75, 52) }
```


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

```
.border{ border-color:rgb(191, 75, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 75, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 75, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 75, 52);  
box-shadow:4px 4px 4px 4px rgb(191, 75,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 107.0620, -27.1456, 73.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 75, 52) }
```

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

```
.background{ background-color: rgb(191, 75,  
52) }
```

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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