

Converting Colors

YUV(116.0090, -27.1194,
18.4091)

Have a look what the booklet for
YUV(116.0090, -27.1194, 18.4091)
contains.

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Color

**YUV(116.0090, -27.1194,
18.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	89743D
RGB	137, 116, 61
RGB Percent	54%, 45%, 24%
CMY	0.4627, 0.5451, 0.7608
CMYK	0.00, 0.15, 0.55, 0.46
HSL	43°, 38%, 39%
HSV	43°, 55%, 54%
XYZ	17.4042, 18.1461, 7.0001
YIQ	116.0090, 30.1710, -12.6530

Conversions

Conversions Part 2

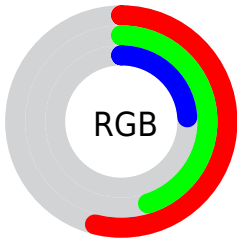
Format	Color
RYB	90, 137, 61
Decimal	9008189
CIELab	49.67, 0.86, 33.11
CIElCh	50, 33.119, 88.519
Yxy	18.1461, 0.4090, 0.4265
Android (android.graphics.Color)	4287198269 (0xFF89743D)
YUV	116.0090, -27.1194, 18.4091
Hunter-Lab	42.5982, -1.6176, 20.0757

Details

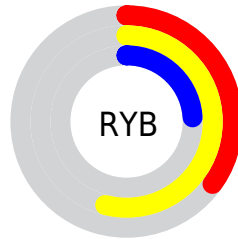
The YUV color **116.0090, -27.1194, 18.4091** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **81.9910, 27.1194, -18.4091**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5640, -28.8721, 20.5534**, and **66.9270, -26.0930, 15.8500** is the 20% darker color. If you saturate the color by 10%, you get **112.0650, -32.0770, 21.8680**, and if you desaturate by 10%, it is **119.9530, -22.1618, 14.9502**.

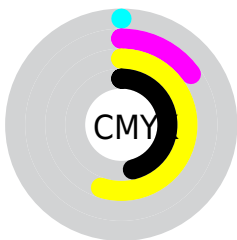
Distribution



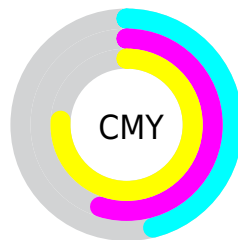
- Red (54%)
- Green (45%)
- Blue (24%)



- Red (35%)
- Yellow (54%)
- Blue (24%)



- Cyan (0%)
- Magenta (15%)
- Yellow (55%)
- Black (46%)



- Cyan (46%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0090, -27.1194, 18.4091 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 116.0090, -27.1194, 18.4091 by changing the saturation by 10% instead.

■ 116.0090,
-27.1194, 18.4091

■ 116.0090,
-27.1194, 18.4091

■ 255.0000, 0.0000,
0.0000

■ 91.2260, -26.2404,
16.4648

■ 168.5640,
-28.8721, 20.5534

■ 66.9270, -26.0930,
15.8500

■ 196.0480,
-29.6037, 21.8829

■ 45.2410, -22.3038,
13.8206

■ 224.1190,
-30.6247, 22.6976

■ 26.0260, -12.8308,
8.7472

■ 245.2420,
-27.2343, 8.5578

■ 0.0000, 0.0000,
0.0000

■ 250.7820,
-16.1615, 3.6992

■ 253.9740, -3.9312,

0.8998

■ 116.0090,
-27.1194, 18.4091

■ 116.0090,
-27.1194, 18.4091

■ 112.0650,
-32.0770, 21.8680

■ 119.9530,
-22.1618, 14.9502

■ 108.2350,
-36.5979, 25.2269

■ 123.7830,
-17.6410, 11.5913

■ 104.8780,
-41.8449, 28.1710

■ 127.1400,
-12.3940, 8.6472

■ 100.9340,
-46.8025, 31.6299

■ 131.0840, -7.4364,
5.1883

■ 99.0760, -48.8445,
33.2593

■ 135.0280, -2.4788,
1.7294

■ 138.8580, 2.0420,
-1.6295

■ 142.2150, 7.2890,
-4.5736

■ 146.1590, 12.2466,
-8.0324

■ 149.9890, 16.7674,
-11.3914

Harmonies

Analogous

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



117.8570, -23.1005, 36.0824



116.0090, -27.1194, 18.4091



112.7180, -22.5390, -4.1377

Triad

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



116.0090, -27.1194, 18.4091



93.9000, 24.6993, -82.3503



121.6070, 13.0117, 26.6547

Complementary

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



116.0090, -27.1194, 18.4091



81.9910, 27.1194, -18.4091

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.



119.8900, 23.7182, -0.7805



116.0090, -27.1194, 18.4091



94.5330, 34.7402, -82.9054

Square

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



116.0090, -27.1194, 18.4091



98.7700, 8.4944, -64.6963



112.0920, 30.5206, -36.0377



120.6770, 0.1592, 42.3793

Rectangle

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



116.0090, -27.1194, 18.4091



110.5570, -15.0646, -21.5365



112.0920, 30.5206, -36.0377



121.5890, 16.9646, 18.7774

Sweetspot

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



116.0090, -27.1194, 18.4091



170.1830, -10.9362, 7.7325



86.2320, -1.5934, 44.5235



84.0130, -6.4154, 4.3736



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.0090, -27.1194, 18.4091



145.3620, -42.5765, 29.5005



123.5520, -30.8381, -2.2381



67.0280, -2.4788, 1.7294



96.1190, -47.3867, 32.3446



3.8430, -1.8946, 1.0147

Inverse Universe

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



81.9910, 27.1194, -18.4091



92.0510, 42.8659, -28.9857



74.4480, 30.8381, 2.2381



63.9720, 2.4788, -1.7294



36.8810, 47.3867, -32.3446



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 116.0090, -27.1194, 18.4091 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 116.0090, -27.1194, 18.4091 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 116.0090, -27.1194, 18.4091 Background



This preview shows how black text looks on a background with the YUV color 116.0090, -27.1194, 18.4091.



This preview shows how white text looks on a background with the YUV color 116.0090, -27.1194,

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

116.0090, -27.1194, 18.4091

Protanopia

115.2040, -26.2296, 12.9761

Deuteranopia

116.7540, -26.9937, 24.7717



Tritanopia

120.4800, -1.2226, 18.8730

Trichromacy



Original Color

116.0090, -27.1194, 18.4091

Protanomaly

115.5140, -26.3824, 15.3352

Deuteranomaly

116.4440, -26.8409, 22.4126

Tritanomaly

118.6620, -10.6794, 18.7134

Monochromacy



Original Color

116.0090, -27.1194, 18.4091

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1120, -9.9152, 6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0090, -27.1194, 18.4091 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(137, 116, 61)` looks like.

```
.text, #text, p{  
    color:rgb(137, 116, 61)  
}
```

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(137, 116, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 116, 61) }
```

Border

The CSS property to change the border of an element to YUV 116.0090, -27.1194, 18.4091 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(137, 116, 61) }
```


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

```
.border{ border-color:rgb(137, 116, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 116, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 116, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 116, 61);  
box-shadow:4px 4px 4px 4px rgb(137, 116,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 116.0090, -27.1194, 18.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 116, 61) }
```

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

```
.background{ background-color: rgb(137,  
116, 61) }
```

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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