

Converting Colors

YUV(87.0200, -27.1249,
20.1535)

Have a look what the booklet for
YUV(87.0200, -27.1249, 20.1535)
contains.

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Color

**YUV(87.0200, -27.1249,
20.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5620
RGB	110, 86, 32
RGB Percent	43%, 34%, 13%
CMY	0.5686, 0.6627, 0.8745
CMYK	0.00, 0.22, 0.71, 0.57
HSL	42°, 55%, 28%
HSV	42°, 71%, 43%
XYZ	10.0189, 10.0749, 2.7831
YIQ	87.0200, 31.6380, -11.7060

Conversions

Conversions Part 2

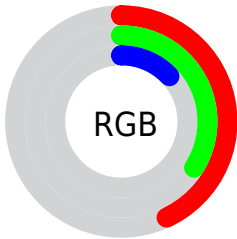
Format	Color
RYB	67, 110, 32
Decimal	7231008
CIELab	37.98, 3.53, 34.15
CIELCh	38, 34.331, 84.091
Yxy	10.0749, 0.4379, 0.4404
Android (android.graphics.Color)	4285421088 (0xFF6E5620)
YUV	87.0200, -27.1249, 20.1535
Hunter-Lab	31.7409, 0.7963, 17.0200

Details

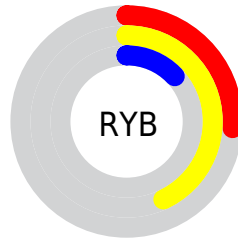
The YUV color **87.0200, -27.1249, 20.1535** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54.9800, 27.1249, -20.1535**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2870, -28.7355, 23.4273**, and **42.0070, -20.7095, 15.7799** is the 20% darker color. If you saturate the color by 10%, you get **84.0050, -31.0615, 22.7976**, and if you desaturate by 10%, it is **90.0350, -23.1883, 17.5093**.

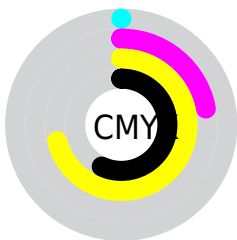
Distribution



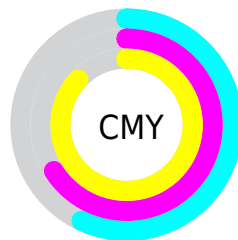
- Red (43%)
- Green (34%)
- Blue (13%)



- Red (26%)
- Yellow (43%)
- Blue (13%)



- Cyan (0%)
- Magenta (22%)
- Yellow (71%)
- Black (57%)



- Cyan (57%)
- Magenta (66%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0200, -27.1249, 20.1535 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 87.0200, -27.1249, 20.1535 by changing the saturation by 10% instead.

87.0200, -27.1249,
20.1535

87.0200, -27.1249,
20.1535

255.0000, 0.0000,
0.0000

63.0090, -27.1194,
18.4091

137.2870,
-28.7355, 23.4273

42.0070, -20.7095,
15.7799

164.3580,
-29.7565, 24.2420

22.7920, -11.2365,
10.7064

191.7280,
-30.9249, 25.6715

0.0000, 0.0000,
0.0000

219.3260,
-31.2197, 26.9011

240.9220,
-28.5555, 12.3464

249.9840,

-19.2191, 4.3990

253.1760, -6.9888,
1.5996

87.0200, -27.1249,
20.1535

87.0200, -27.1249,
20.1535

84.0050, -31.0615,
22.7976

90.0350, -23.1883,
17.5093

80.4030, -34.7087,
25.9566

93.6370, -19.5410,
14.3504

77.5020, -38.2085,
28.5007

96.6520, -15.6044,
11.7062

100.2540,
-11.9572, 8.5472

103.2690, -8.0206,
5.9031

■ 106.2840, -4.0840,
3.2589

■ 109.8860, -0.4368,
0.1000

■ 112.9010, 3.4998,
-2.5442

■ 115.9160, 7.4364,
-5.1883

Harmonies

Analogous

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



88.6120, -21.5007, 36.2973



87.0200, -27.1249, 20.1535



84.6860, -24.0022, -1.4786

Triad

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



87.0200, -27.1249, 20.1535



73.1150, 18.6773, -64.1219



92.0410, 14.7698, 22.7660

Complementary

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



87.0200, -27.1249, 20.1535



54.9800, 27.1249, -20.1535

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.



89.7860, 24.7555, -6.8283



87.0200, -27.1249, 20.1535



73.9760, 29.5918, -64.8770

Square

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



87.0200, -27.1249, 20.1535



69.9230, 6.4470, -61.3225



73.3880, 34.8117, -59.0993



90.6490, 2.6380, 40.6498

Rectangle

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



87.0200, -27.1249, 20.1535



82.1230, -16.8226, -17.6479



73.3880, 34.8117, -59.0993



92.1970, 18.1439, 13.8592

Sweetspot

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



87.0200, -27.1249, 20.1535



134.2970, -10.4994, 7.6325



58.1720, -0.5778, 45.4532



66.1270, -5.9786, 4.2736



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



87.0200, -27.1249, 20.1535



106.7860, -42.2925, 31.7597



96.9220, -32.0065, -0.8086



54.1420, -2.0420, 1.6295



84.6010, -41.7083, 31.0449



174.2300, -85.8954, 63.8193

Inverse Universe

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



54.9800, 27.1249, -20.1535



57.2140, 42.2925, -31.7597



45.0780, 32.0065, 0.8086



51.8580, 2.0420, -1.6295



35.3990, 41.7083, -31.0449



72.7700, 85.8954, -63.8193

Previews

White Background



This preview shows how the YUV color 87.0200, -27.1249, 20.1535 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 87.0200, -27.1249, 20.1535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

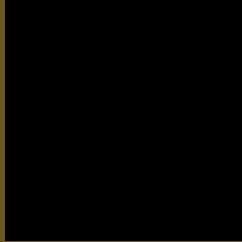
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0200, -27.1249, 20.1535

Background



This preview shows how black text looks on a background with the YUV color 87.0200, -27.1249, 20.1535.



This preview shows how white text looks on a background with the YUV color 87.0200, -27.1249,

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

87.0200, -27.1249, 20.1535

Protanopia

86.4920, -26.3716, 11.8465

Deuteranopia

87.0310, -27.1303, 21.8978



Tritanopia

91.5510, -2.2436, 19.6878

Trichromacy



Original Color

87.0200, -27.1249, 20.1535

Protanomaly

87.1010, -26.6718, 14.8204

Deuteranomaly

86.7320, -26.9829, 21.2830

Tritanomaly

90.1460, -11.4110, 20.0430

Monochromacy



Original Color

87.0200, -27.1249, 20.1535

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1120, -9.9152, 6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0200, -27.1249, 20.1535 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(110, 86, 32)` looks like.

```
.text, #text, p{  
    color:rgb(110, 86, 32)  
}
```

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(110, 86, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 86, 32) }
```

Border

The CSS property to change the border of an element to YUV 87.0200, -27.1249, 20.1535 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(110, 86, 32) }
```


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

```
.border{ border-color:rgb(110, 86, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 86, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 86, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 86, 32);  
box-shadow:4px 4px 4px 4px rgb(110, 86,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 87.0200, -27.1249, 20.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 86, 32) }
```

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

```
.background{ background-color: rgb(110, 86,  
32) }
```

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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