

Converting Colors

YUV(87.5640, -25.4211,
33.7084)

Have a look what the booklet for
YUV(87.5640, -25.4211, 33.7084)
contains.

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Color

**YUV(87.5640, -25.4211,
33.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4E24
RGB	126, 78, 36
RGB Percent	49%, 31%, 14%
CMY	0.5059, 0.6941, 0.8588
CMYK	0.00, 0.38, 0.71, 0.51
HSL	28°, 56%, 32%
HSV	28°, 71%, 49%
XYZ	11.6470, 10.0118, 2.9877
YIQ	87.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

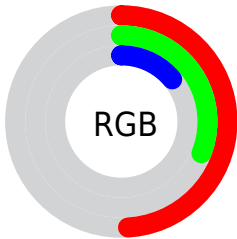
Format	Color
R_{YB}	126, 115, 36
Decimal	8277540
CIE Lab	37.86, 16.18, 32.54
CIE LCh	38, 36.344, 63.567
Yxy	10.0118, 0.4726, 0.4062
Android (android.graphics.Color)	4286467620 (0xFF7E4E24)
YUV	87.5640, -25.4211, 33.7084
Hunter-Lab	31.6414, 10.3324, 16.5506

Details

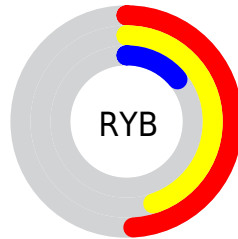
The YUV color $87.5640, -25.4211, 33.7084$ is a dark color, and the websafe version is hex 996633 . A complement of this color would be $74.4360, 25.4211, -33.7084$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.4290, -27.3265, 38.2118$, and $41.1980, -20.3106, 27.8904$ is the 20% darker color. If you saturate the color by 10%, you get $81.9730, -29.0737, 38.6117$, and if you desaturate by 10%, it is $93.1550, -21.7684, 28.8051$.

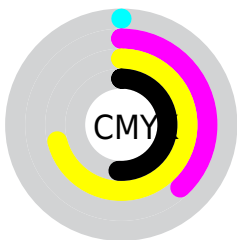
Distribution



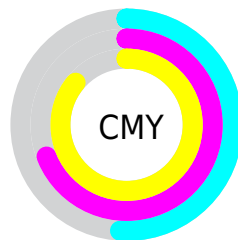
- Red (49%)
- Green (31%)
- Blue (14%)



- Red (49%)
- Yellow (45%)
- Blue (14%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (51%)



- Cyan (51%)
- Magenta (69%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.5640, -25.4211, 33.7084 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 87.5640, -25.4211, 33.7084 by changing the saturation by 10% instead.

87.5640, -25.4211,
33.7084

87.5640, -25.4211,
33.7084

255.0000, 0.0000,
0.0000

63.3680, -24.8314,
31.2493

138.4290,
-27.3265, 38.2118

41.1980, -20.3106,
27.8904

165.0980,
-28.6423, 40.2561

21.6840, -10.6902,
22.2021

192.5820,
-29.3739, 41.5856

5.0830, -2.5059,
10.4512

216.4670,
-28.3312, 33.7934

0.0000, 0.0000,
0.0000

236.0950,
-24.2038, 16.5797

250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

87.5640, -25.4211,
33.7084

87.5640, -25.4211,
33.7084

81.9730, -29.0737,
38.6117

93.1550, -21.7684,
28.8051

77.0830, -32.5789,
42.9002

98.0450, -18.2632,
24.5165

72.3070, -35.6474,
47.0888

103.6360,
-14.6105, 19.6132

109.1130,
-11.3947, 14.8099

114.7040, -7.7421,
9.9066

■ 119.7080, -3.8000,
5.5181

■ 125.1850, -0.5842,
0.7148

■ 130.7760, 3.0684,
-4.1886

■ 135.6660, 6.5737,
-8.4771

Harmonies

Analogous

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



88.1000, -14.8393, 46.3933



87.5640, -25.4211, 33.7084



85.8190, -28.9978, 14.1907

Triad

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



87.5640, -25.4211, 33.7084



71.5360, 10.0888, -62.7371



91.0970, 23.1232, 3.4229

Complementary

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



87.5640, -25.4211, 33.7084



74.4360, 25.4211, -33.7084

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.



81.0530, 33.0049, -39.5115



87.5640, -25.4211, 33.7084



74.2550, 23.0453, -65.1216

Square

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



87.5640, -25.4211, 33.7084



75.3140, -6.5638, -41.4944



74.1870, 32.9388, -65.0620



91.4120, 12.1219, 32.0877

Rectangle

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



87.5640, -25.4211, 33.7084



83.6430, -25.4600, -0.5639



74.1870, 32.9388, -65.0620



89.5300, 26.3607, -8.3578

Sweetspot

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



87.5640, -25.4211, 33.7084



148.5580, -9.6421, 12.6656



68.3820, 7.6997, 50.5310



73.1490, -5.9895, 7.7623



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



87.5640, -25.4211, 33.7084



103.0150, -39.4474, 52.6068



113.9790, -38.4436, 10.5424



60.8540, -1.9000, 2.7590



73.4920, -36.2316, 47.8035



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.4360, 25.4211, -33.7084



82.9850, 39.4474, -52.6068



48.0210, 38.4436, -10.5424



60.1460, 1.9000, -2.7590



54.5080, 36.2316, -47.8035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.5640, -25.4211, 33.7084 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 87.5640, -25.4211, 33.7084 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 87.5640, -25.4211, 33.7084

Background



This preview shows how black text looks on a background with the YUV color 87.5640, -25.4211, 33.7084.



This preview shows how white text looks on a background with the YUV color 87.5640, -25.4211,

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

87.5640, -25.4211, 33.7084

Protanopia

87.1760, -23.7508, 11.2466

Deuteranopia

87.2590, -26.2567, 21.6979



Tritanopia

90.4280, -5.6340, 33.8276

Trichromacy



Original Color

87.5640, -25.4211, 33.7084

Protanomaly

87.4050, -24.3567, 18.9388

Deuteranomaly

87.1070, -25.6888, 26.2162

Tritanomaly

89.4790, -13.0541, 33.7829

Monochromacy



Original Color

87.5640, -25.4211, 33.7084

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6720, -9.2053, 12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.5640, -25.4211, 33.7084 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(126, 78, 36)` looks like.

```
.text, #text, p{  
    color:rgb(126, 78, 36)  
}
```

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(126, 78, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 78, 36) }
```

Border

The CSS property to change the border of an element to YUV 87.5640, -25.4211, 33.7084 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(126, 78, 36) }
```


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

```
.border{ border-color:rgb(126, 78, 36) }
```

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

Here you see how a box with a 4 pixel rgb(126, 78, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 78, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 78, 36);  
box-shadow:4px 4px 4px 4px rgb(126, 78,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 87.5640, -25.4211, 33.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 78, 36) }
```

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

```
.background{ background-color: rgb(126, 78,  
36) }
```

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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