

Converting Colors

YUV(86.4270, -20.9165,
35.5825)

Have a look what the booklet for
YUV(86.4270, -20.9165, 35.5825)
contains.

YUV(86.4270, -20.9165, 35.5825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.4270, -20.9165,
35.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4A2C
RGB	127, 74, 44
RGB Percent	50%, 29%, 17%
CMY	0.5020, 0.7098, 0.8275
CMYK	0.00, 0.42, 0.65, 0.50
HSL	22°, 49%, 34%
HSV	22°, 65%, 50%
XYZ	11.6558, 9.5914, 3.6199
YIQ	86.4270, 41.2180, 1.9060

Conversions

Conversions Part 2

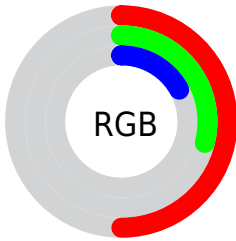
Format	Color
R_{YB}	127, 91, 44
Decimal	8342060
CIE _{Lab}	37.10, 19.54, 27.24
CIE _{LCh}	37, 33.522, 54.352
Yxy	9.5914, 0.4687, 0.3857
Android (android.graphics.Color)	4286532140 (0xFF7F4A2C)
YUV	86.4270, -20.9165, 35.5825
Hunter-Lab	30.9700, 12.9822, 14.7490

Details

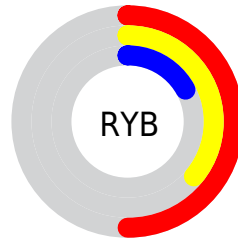
The YUV color **86.4270, -20.9165, 35.5825** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **84.5730, 20.9165, -35.5825**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2920, -22.8220, 40.0859**, and **39.1490, -19.3005, 30.5643** is the 20% darker color. If you saturate the color by 10%, you get **80.2490, -24.2798, 41.0006**, and if you desaturate by 10%, it is **92.6050, -17.5533, 30.1644**.

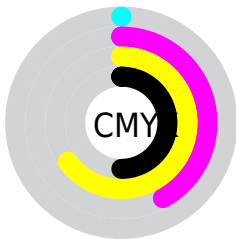
Distribution



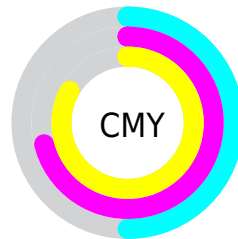
- Red (50%)
- Green (29%)
- Blue (17%)



- Red (50%)
- Yellow (36%)
- Blue (17%)



- Cyan (0%)
- Magenta (42%)
- Yellow (65%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4270, -20.9165, 35.5825 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 86.4270, -20.9165, 35.5825 by changing the saturation by 10% instead.

■ 86.4270, -20.9165,
35.5825

■ 86.4270, -20.9165,
35.5825

■ 255.0000, 0.0000,
0.0000

■ 62.3450, -19.8901,
33.0234

■ 137.2920,
-22.8220, 40.0859

■ 39.1490, -19.3005,
30.5643

■ 163.9610,
-24.1378, 42.1302

■ 19.0480, -9.3907,
25.3909

■ 191.4450,
-24.8694, 43.4597

■ 5.0830, -2.5059,
10.4512

■ 215.1450,
-23.2425, 34.9528

■ 0.0000, 0.0000,
0.0000

■ 234.6590,
-19.5519, 17.8391

■ 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 86.4270, -20.9165,
35.5825

■ 86.4270, -20.9165,
35.5825

■ 80.2490, -24.2798,
41.0006

■ 92.6050, -17.5533,
30.1644

■ 74.1850, -27.2062,
46.3188

■ 98.6690, -14.6268,
24.8463

■ 68.0070, -30.5695,
51.7369

■ 104.8470,
-11.2636, 19.4282

■ 64.9750, -32.0327,
54.3959

■ 111.0250, -7.9003,
14.0101

■ 117.7900, -4.8265,
8.0772

■ 123.8540, -1.9000,
2.7590

■ 130.0320, 1.4632,
-2.6591

■ 136.2100, 4.8265,
-8.0772

■ 142.2740, 7.7529,
-13.3953

Harmonies

Analogous

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



87.3430, -10.0291, 43.5492



86.4270, -20.9165, 35.5825



84.9490, -26.1039, 19.3387

Triad

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



86.4270, -20.9165, 35.5825



67.9340, 6.4415, -59.5781



87.9710, 24.1713, -6.1136

Complementary

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



86.4270, -20.9165, 35.5825



84.5730, 20.9165, -35.5825

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.



73.0680, 33.4905, -55.3106



86.4270, -20.9165, 35.5825



71.7130, 18.3825, -62.8923

Square

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



86.4270, -20.9165, 35.5825



78.1480, -11.4120, -26.4398



72.4600, 28.8602, -63.5474



89.9270, 14.3330, 22.8660

Rectangle

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



86.4270, -20.9165, 35.5825



83.3880, -25.3343, 5.7987



72.4600, 28.8602, -63.5474



85.5780, 26.8300, -18.9239

Sweetspot

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



86.4270, -20.9165, 35.5825



149.9110, -8.3371, 14.1101



74.9730, 11.3523, 45.6277



74.0890, -4.9739, 8.6919



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



86.4270, -20.9165, 35.5825



102.4590, -32.7643, 55.7255



110.4940, -32.7815, 14.4758



60.8540, -1.9000, 2.7590



65.2740, -32.1801, 55.0107



0.0000, 0.0000, 0.0000

Inverse Universe

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



84.5730, 20.9165, -35.5825



99.5410, 32.7643, -55.7255



60.5060, 32.7815, -14.4758



60.1460, 1.9000, -2.7590



62.1390, 32.4695, -54.4959



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.4270, -20.9165, 35.5825 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 ✓ Pass

Black Background



This preview shows how the YUV color 86.4270, -20.9165, 35.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

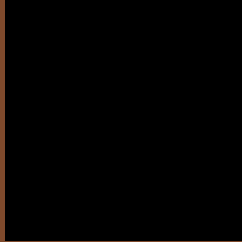
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4270, -20.9165, 35.5825

Background



This preview shows how black text looks on a background with the YUV color 86.4270, -20.9165, 35.5825.



This preview shows how white text looks on a background with the YUV color 86.4270, -20.9165,

35.5825.

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

86.4270, -20.9165, 35.5825

Protanopia

86.2450, -18.3618, 9.4321

Deuteranopia

86.3880, -21.8833, 18.9537



Tritanopia

88.2110, -6.5130, 35.7720

Trichromacy



Original Color

86.4270, -20.9165, 35.5825

Protanomaly

86.3710, -19.4099, 18.9686

Deuteranomaly

86.2470, -21.3208, 25.2164

Tritanomaly

87.2450, -11.4598, 35.7421

Monochromacy



Original Color

86.4270, -20.9165, 35.5825

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.4270, -7.6055, 12.7805

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4270, -20.9165, 35.5825 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(127, 74, 44)` looks like.

```
.text, #text, p{  
    color:rgb(127, 74, 44)  
}
```

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(127, 74, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 74, 44) }
```

Border

The CSS property to change the border of an element to YUV 86.4270, -20.9165, 35.5825 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(127, 74, 44) }
```


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

```
.border{ border-color:rgb(127, 74, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 74, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 74, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 74, 44);  
box-shadow:4px 4px 4px 4px rgb(127, 74,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 86.4270, -20.9165, 35.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 74, 44) }
```

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

```
.background{ background-color: rgb(127, 74,  
44) }
```

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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