

Converting Colors

YUV(87.4090, -20.4146,
14.5503)

Have a look what the booklet for
YUV(87.4090, -20.4146, 14.5503)
contains.

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Color

**YUV(87.4090, -20.4146,
14.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	68572E
RGB	104, 87, 46
RGB Percent	41%, 34%, 18%
CMY	0.5922, 0.6588, 0.8196
CMYK	0.00, 0.16, 0.56, 0.59
HSL	42°, 39%, 29%
HSV	42°, 56%, 41%
XYZ	9.6103, 9.9567, 4.0001
YIQ	87.4090, 23.2930, -9.1470

Conversions

Conversions Part 2

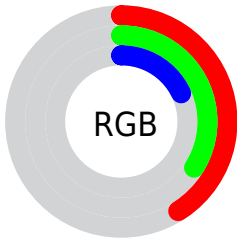
Format	Color
R_{YB}	70, 104, 46
Decimal	6838062
CIE Lab	37.76, 1.19, 26.21
CIE LCh	38, 26.238, 87.397
Yxy	9.9567, 0.4078, 0.4225
Android (android.graphics.Color)	4285028142 (0xFF68572E)
YUV	87.4090, -20.4146, 14.5503
Hunter-Lab	31.5542, -0.8554, 14.5719

Details

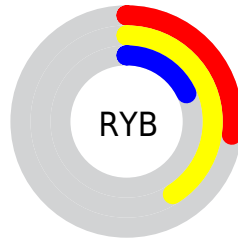
The YUV color **87.4090, -20.4146, 14.5503** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.5910, 20.4146, -14.5503**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9640, -22.1673, 16.6946**, and **41.0990, -20.2618, 12.1912** is the 20% darker color. If you saturate the color by 10%, you get **84.5080, -23.9144, 17.0945**, and if you desaturate by 10%, it is **90.3100, -16.9148, 12.0061**.

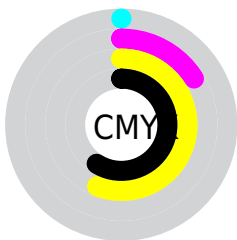
Distribution



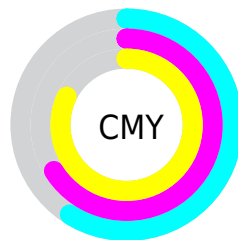
- Red (41%)
- Green (34%)
- Blue (18%)



- Red (27%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)
- Black (59%)



- Cyan (59%)
- Magenta (66%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4090, -20.4146, 14.5503 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 87.4090, -20.4146, 14.5503 by changing the saturation by 10% instead.

87.4090, -20.4146,
14.5503

87.4090, -20.4146,
14.5503

255.0000, 0.0000,
0.0000

63.9250, -19.6830,
13.2208

137.9640,
-22.1673, 16.6946

41.0990, -20.2618,
12.1912

164.1490,
-22.7515, 17.4093

22.4820, -11.0836,
8.3473

191.3340,
-23.3357, 18.1241

0.0000, 0.0000,
0.0000

219.4050,
-24.3567, 18.9388

243.2190,
-22.2930, 10.3319

251.6940,

-12.6671, 2.8994

■ 87.4090, -20.4146,
14.5503

■ 87.4090, -20.4146,
14.5503

■ 84.5080, -23.9144,
17.0945

■ 90.3100, -16.9148,
12.0061

■ 81.4930, -27.8510,
19.7386

■ 93.3250, -12.9782,
9.3620

■ 78.5920, -31.3509,
22.2828

■ 96.2260, -9.4784,
6.8178

■ 75.5770, -35.2875,
24.9270

■ 99.2410, -5.5418,
4.1736

■ 74.5340, -36.7453,
25.8417

■ 102.1420, -2.0420,
1.6295

■ 105.0430, 1.4578,
-0.9147

■ 108.0580, 5.3944,
-3.5589

■ 110.9590, 8.8942,
-6.1030

■ 113.9740, 12.8308,
-8.7472

Harmonies

Analogous

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



88.9960, -17.2530, 27.1905



87.4090, -20.4146, 14.5503



85.1080, -17.3082, -1.8487

Triad

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



87.4090, -20.4146, 14.5503



71.0120, 18.2351, -62.2775



91.4660, 10.1233, 19.7623

Complementary

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



87.4090, -20.4146, 14.5503



62.5910, 20.4146, -14.5503

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.



89.9840, 17.7559, -1.7400



87.4090, -20.4146, 14.5503



71.0750, 26.0920, -62.3328

Square

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



87.4090, -20.4146, 14.5503



75.6800, 5.0878, -45.3234



84.4860, 22.9314, -28.4902



90.7250, 0.6286, 31.8132

Rectangle

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



87.4090, -20.4146, 14.5503



83.3990, -12.0287, -15.2589



84.4860, 22.9314, -28.4902



91.5190, 13.0551, 12.6998

Sweetspot

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



87.4090, -20.4146, 14.5503



128.2690, -8.0206, 5.9031



65.2800, -1.1240, 33.9574



65.0560, -4.9576, 3.4589



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



87.4090, -20.4146, 14.5503



109.4780, -31.7877, 22.3828



93.8000, -23.5654, -1.5786



49.8430, -1.8946, 1.0147



81.9320, -40.3925, 29.0006



172.7350, -85.1584, 60.7454

Inverse Universe

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



62.5910, 20.4146, -14.5503



70.5220, 31.7877, -22.3828



56.2000, 23.5654, 1.5786



47.1570, 1.8946, -1.0147



33.0680, 40.3925, -29.0006



69.2650, 85.1584, -60.7454

Previews

White Background



This preview shows how the YUV color 87.4090, -20.4146, 14.5503 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 87.4090, -20.4146, 14.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

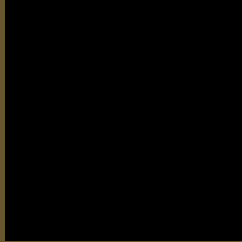
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4090, -20.4146, 14.5503

Background



This preview shows how black text looks on a background with the YUV color 87.4090, -20.4146, 14.5503.



This preview shows how white text looks on a background with the YUV color 87.4090, -20.4146,

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

87.4090, -20.4146, 14.5503

Protanopia

86.9030, -19.6722, 9.7321

Deuteranopia

87.8440, -20.1361, 18.5538



Tritanopia

90.5720, -0.7750, 15.2844

Trichromacy



Original Color

87.4090, -20.4146, 14.5503

Protanomaly

86.9140, -19.6776, 11.4764

Deuteranomaly

87.8330, -20.1307, 16.8095

Tritanomaly

89.6230, -8.1951, 15.2396

Monochromacy



Original Color

87.4090, -20.4146, 14.5503

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0840, -7.4364, 5.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4090, -20.4146, 14.5503 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(104, 87, 46)` looks like.

```
.text, #text, p{  
    color:rgb(104, 87, 46)  
}
```

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(104, 87, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 87, 46) }
```

Border

The CSS property to change the border of an element to YUV 87.4090, -20.4146, 14.5503 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(104, 87, 46) }
```


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

```
.border{ border-color:rgb(104, 87, 46) }
```

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

Here you see how a box with a 4 pixel rgb(104, 87, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 87, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 87, 46);  
box-shadow:4px 4px 4px 4px rgb(104, 87,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 87.4090, -20.4146, 14.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 87, 46) }
```

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

```
.background{ background-color: rgb(104, 87,  
46) }
```

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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