

Converting Colors

YUV(87.6190, -25.4482,
42.4301)

Have a look what the booklet for
YUV(87.6190, -25.4482, 42.4301)
contains.

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Color

**YUV(87.6190, -25.4482,
42.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	884924
RGB	136, 73, 36
RGB Percent	53%, 29%, 14%
CMY	0.4667, 0.7137, 0.8588
CMYK	0.00, 0.46, 0.74, 0.47
HSL	22°, 58%, 34%
HSV	22°, 74%, 53%
XYZ	12.8543, 10.1267, 2.9462
YIQ	87.6190, 49.4250, 1.8490

Conversions

Conversions Part 2

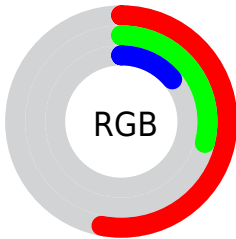
Format	Color
R_{YB}	136, 95, 36
Decimal	8931620
CIE _{Lab}	38.07, 23.59, 33.18
CIE _{LCh}	38, 40.713, 54.583
Yxy	10.1267, 0.4958, 0.3906
Android (android.graphics.Color)	4287121700 (0xFF884924)
YUV	87.6190, -25.4482, 42.4301
Hunter-Lab	31.8225, 16.4137, 16.7865

Details

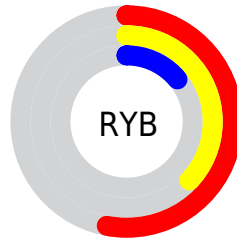
The YUV color **87.6190, -25.4482, 42.4301** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **84.3810, 25.4482, -42.4301**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.7830, -27.5010, 47.5483**, and **40.0680, -19.7535, 35.8974** is the 20% darker color. If you saturate the color by 10%, you get **80.7400, -28.9588, 48.4630**, and if you desaturate by 10%, it is **94.4980, -21.9375, 36.3973**.

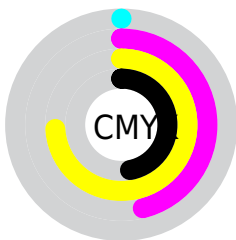
Distribution



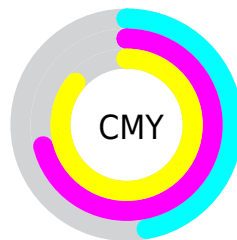
- Red (53%)
- Green (29%)
- Blue (14%)



- Red (53%)
- Yellow (37%)
- Blue (14%)



- Cyan (0%)
- Magenta (46%)
- Yellow (74%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6190, -25.4482, 42.4301 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 87.6190, -25.4482, 42.4301 by changing the saturation by 10% instead.

87.6190, -25.4482,
42.4301

87.6190, -25.4482,
42.4301

255.0000, 0.0000,
0.0000

63.2380, -24.2743,
39.2563

138.7830,
-27.5010, 47.5483

40.0680, -19.7535,
35.8974

166.3380,
-29.2536, 49.6926

19.0810, -9.4069,
30.6240

193.5340,
-29.8433, 52.1517

8.7850, -3.8380,
17.7286

213.5320,
-26.8843, 36.3674

0.0000, 0.0000,
0.0000

233.0460,
-23.1937, 19.2537

250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

87.6190, -25.4482,
42.4301

87.6190, -25.4482,
42.4301

80.7400, -28.9588,
48.4630

94.4980, -21.9375,
36.3973

74.5620, -32.3221,
53.8811

100.6760,
-18.5743, 30.9791

70.0140, -34.5169,
57.8697

107.5550,
-15.0636, 24.9463

113.7330,
-11.7004, 19.5282

120.6120, -8.1897,
13.4953

■ 126.9040, -4.3897,
7.9772

■ 133.6690, -1.3158,
2.0443

■ 140.5480, 2.1948,
-3.9886

■ 146.7260, 5.5581,
-9.4067

Harmonies

Analogous

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



87.6540, -11.6614, 53.8004



87.6190, -25.4482, 42.4301



86.0220, -33.5348, 22.7827

Triad

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



87.6190, -25.4482, 42.4301



70.9830, 5.4314, -62.2521



89.7410, 29.7077, -8.5429

Complementary

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



87.6190, -25.4482, 42.4301



84.3810, 25.4482, -42.4301

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.



73.4350, 40.2115, -64.4025



87.6190, -25.4482, 42.4301



74.8590, 20.2825, -65.6513

Square

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



87.6190, -25.4482, 42.4301



76.5230, -13.5688, -34.6617



76.1760, 32.9442, -66.8064



92.1710, 17.6637, 27.9140

Rectangle

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



87.6190, -25.4482, 42.4301



84.2650, -32.1756, 6.7836



76.1760, 32.9442, -66.8064



86.2550, 33.3983, -25.6566

Sweetspot

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



87.6190, -25.4482, 42.4301



157.4660, -10.0897, 16.2543



73.0820, 12.7776, 55.1791



78.1600, -5.9949, 9.5067



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.



87.6190, -25.4482, 42.4301



100.8040, -39.3434, 65.9469



116.9690, -39.9177, 16.6902



65.8540, -1.9000, 2.7590



68.5300, -33.7853, 56.5402



2.6690, -1.3158, 2.0443

Inverse Universe

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



84.3810, 25.4482, -42.4301



96.1960, 39.3434, -65.9469



55.0310, 39.9177, -16.6902



65.1460, 1.9000, -2.7590



64.4700, 33.7853, -56.5402



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 87.6190, -25.4482, 42.4301 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 87.6190, -25.4482, 42.4301 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 87.6190, -25.4482, 42.4301

Background



This preview shows how black text looks on a background with the YUV color 87.6190, -25.4482, 42.4301.



This preview shows how white text looks on a background with the YUV color 87.6190, -25.4482,

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

87.6190, -25.4482, 42.4301

Protanopia

87.4040, -22.8772, 11.0467

Deuteranopia

88.0310, -27.1303, 21.8978



Tritanopia

90.2010, -7.9871, 41.9197

Trichromacy



Original Color

87.6190, -25.4482, 42.4301

Protanomaly

87.5410, -23.9307, 22.3275

Deuteranomaly

87.6020, -26.4258, 29.2900

Tritanomaly

88.8930, -14.2442, 42.1898

Monochromacy



Original Color

87.6190, -25.4482, 42.4301

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.9820, -9.3581, 14.9248

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6190, -25.4482, 42.4301 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(136, 73, 36)` looks like.

```
.text, #text, p{  
    color:rgb(136, 73, 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(136, 73, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 73, 36) }
```

Border

The CSS property to change the border of an element to YUV 87.6190, -25.4482, 42.4301 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(136, 73, 36) }
```


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

```
.border{ border-color:rgb(136, 73, 36) }
```

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

Here you see how a box with a 4 pixel rgb(136, 73, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 73, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 73, 36);  
box-shadow:4px 4px 4px 4px rgb(136, 73,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 87.6190, -25.4482, 42.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 73, 36) }
```

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

```
.background{ background-color: rgb(136, 73,  
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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