

Converting Colors

YUV(84.4240, -13.0270,
25.0612)

Have a look what the booklet for
YUV(84.4240, -13.0270, 25.0612)
contains.

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Color

**YUV(84.4240, -13.0270,
25.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	714B3A
RGB	113, 75, 58
RGB Percent	44%, 29%, 23%
CMY	0.5569, 0.7059, 0.7725
CMYK	0.00, 0.34, 0.49, 0.56
HSL	19°, 32%, 34%
HSV	19°, 49%, 44%
XYZ	10.0898, 8.8484, 5.1791
YIQ	84.4240, 28.1050, 2.7690

Conversions

Conversions Part 2

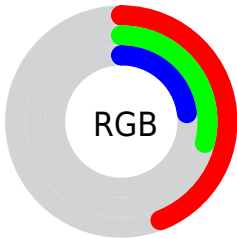
Format	Color
R _Y B	113, 83, 58
Decimal	7424826
CIE Lab	35.69, 13.94, 16.66
CIE LCh	36, 21.722, 50.068
Yxy	8.8484, 0.4184, 0.3669
Android (android.graphics.Color)	4285614906 (0xFF714B3A)
YUV	84.4240, -13.0270, 25.0612
Hunter-Lab	29.7462, 8.4911, 10.4994

Details

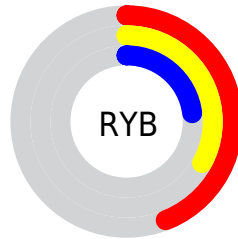
The YUV color $84.4240, -13.0270, 25.0612$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $86.5760, 13.0270, -25.0612$, and the grayscale version is $85.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $134.6910, -14.6377, 28.3350$, and $38.7440, -11.7058, 21.2725$ is the 20% darker color. If you saturate the color by 10%, you get $78.4740, -15.5167, 30.2793$, and if you desaturate by 10%, it is $90.3740, -10.5374, 19.8430$.

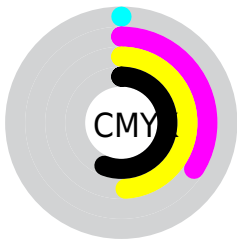
Distribution



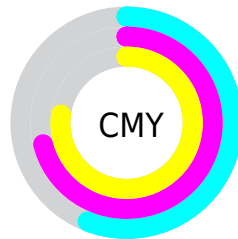
- Red (44%)
- Green (29%)
- Blue (23%)



- Red (44%)
- Yellow (33%)
- Blue (23%)



- Cyan (0%)
- Magenta (34%)
- Yellow (49%)
- Black (56%)



- Cyan (56%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.4240, -13.0270, 25.0612 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 84.4240, -13.0270, 25.0612 by changing the saturation by 10% instead.

■ 84.4240, -13.0270,
25.0612

■ 84.4240, -13.0270,
25.0612

■ 255.0000, 0.0000,
0.0000

■ 60.6410, -12.1480,
23.1168

■ 134.6910,
-14.6377, 28.3350

■ 38.7440, -11.7058,
21.2725

■ 160.8760,
-15.2219, 29.0497

■ 17.2430, -8.5008,
19.9579

■ 188.4740,
-15.5167, 30.2793

■ 0.0000, 0.0000,
0.0000

■ 216.0720,
-15.8115, 31.5089

■ 236.4830,
-12.5631, 16.2394

■ 253.2900, -6.5520,

1.4997

■ 84.4240, -13.0270,
25.0612

■ 84.4240, -13.0270,
25.0612

■ 78.4740, -15.5167,
30.2793

■ 90.3740, -10.5374,
19.8430

■ 72.4100, -18.4431,
35.5974

■ 96.4380, -7.6109,
14.5249

■ 67.0470, -21.2222,
40.3008

■ 101.8010, -4.8319,
9.8215

■ 61.0970, -23.7118,
45.5189

■ 107.7510, -2.3422,
4.6034

■ 55.1470, -26.2015,
50.7371

■ 113.8150, 0.5842,
-0.7148

■ 54.3320, -26.7857,
51.4518

■ 119.7650, 3.0739,
-5.9329

■ 125.7150, 5.5635,
-11.1511

■ 131.0780, 8.3425,
-15.8544

■ 137.1420, 11.2690,
-21.1725

Harmonies

Analogous

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



85.2810, -6.0545, 28.6946



84.4240, -13.0270, 25.0612



83.4460, -16.4889, 15.3949

Triad

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



84.4240, -13.0270, 25.0612



75.9270, 0.5290, -29.7540



84.6800, 15.4408, -5.8584

Complementary

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



84.4240, -13.0270, 25.0612



86.5760, 13.0270, -25.0612

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.



79.4710, 18.9948, -25.8461



84.4240, -13.0270, 25.0612



71.4010, 11.6343, -45.0787

Square

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



84.4240, -13.0270, 25.0612



79.5070, -9.1240, -13.5996



72.5350, 18.4702, -44.3192



86.0090, 9.8556, 12.2701

Rectangle

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



84.4240, -13.0270, 25.0612



82.3910, -16.4618, 6.6731



72.5350, 18.4702, -44.3192



83.3910, 17.0622, -12.6209

Sweetspot

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



84.4240, -13.0270, 25.0612



136.6870, -5.2687, 9.9215



78.8910, 8.9277, 29.9136



67.2350, -3.0739, 5.9329



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.4240, -13.0270, 25.0612



103.5630, -20.4906, 38.9712



100.2730, -20.8406, 11.1616



52.9680, -1.4632, 2.6591



57.5990, -28.3963, 54.7257



118.4650, -58.4032, 112.7252

Inverse Universe

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



86.5760, 13.0270, -25.0612



106.4370, 20.4906, -38.9712



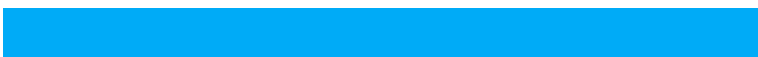
70.7270, 20.8406, -11.1616



53.0320, 1.4632, -2.6591



62.4010, 28.3963, -54.7257



128.5350, 58.4032, -112.7252

Previews

White Background



This preview shows how the YUV color 84.4240, -13.0270, 25.0612 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 84.4240, -13.0270, 25.0612 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 84.4240, -13.0270, 25.0612

Background



This preview shows how black text looks on a background with the YUV color 84.4240, -13.0270, 25.0612.



This preview shows how white text looks on a background with the YUV color 84.4240, -13.0270,

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

84.4240, -13.0270, 25.0612

Protanopia

83.5850, -10.6414, 6.5030

Deuteranopia

84.2440, -13.4313, 14.6950



Tritanopia

85.5410, -3.7177, 25.8355

Trichromacy



Original Color

84.4240, -13.0270, 25.0612

Protanomaly

84.1020, -11.3893, 13.0655

Deuteranomaly

84.2660, -13.4421, 18.1837

Tritanomaly

85.0310, -6.9173, 25.4058

Monochromacy



Original Color

84.4240, -13.0270, 25.0612

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.5020, -4.6845, 9.2067

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4240, -13.0270, 25.0612 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(113, 75, 58)` looks like.

```
.text, #text, p{  
    color:rgb(113, 75, 58)  
}
```

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(113, 75, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 75, 58) }
```

Border

The CSS property to change the border of an element to YUV 84.4240, -13.0270, 25.0612 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(113, 75, 58) }
```


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

```
.border{ border-color:rgb(113, 75, 58) }
```

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

Here you see how a box with a 4 pixel rgb(113, 75, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 75, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 75, 58);  
box-shadow:4px 4px 4px 4px rgb(113, 75,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 84.4240, -13.0270, 25.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 75, 58) }
```

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

```
.background{ background-color: rgb(113, 75,  
58) }
```

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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