

Converting Colors

YUV(75.4210, 1.2714, -34.5722)

Have a look what the booklet for
YUV(75.4210, 1.2714, -34.5722)
contains.

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Color

**YUV(75.4210, 1.2714,
-34.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	245F4E
RGB	36, 95, 78
RGB Percent	14%, 37%, 31%
CMY	0.8588, 0.6275, 0.6941
CMYK	0.62, 0.00, 0.18, 0.63
HSL	163°, 45%, 26%
HSV	163°, 62%, 37%
XYZ	6.1949, 9.1095, 8.6395
YIQ	75.4210, -29.7070, -17.7950

Conversions

Conversions Part 2

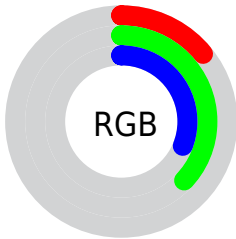
Format	Color
RYB	36, 70, 95
Decimal	2383694
CIELab	36.19, -23.76, 4.05
CIELCh	36, 24.099, 170.330
Yxy	9.1095, 0.2587, 0.3805
Android (android.graphics.Color)	4280573774 (0xFF245F4E)
YUV	75.4210, 1.2714, -34.5722
Hunter-Lab	30.1820, -16.1811, 4.1558

Details

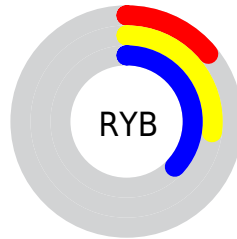
The YUV color **75.4210, 1.2714, -34.5722** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **55.5790, -1.2714, 34.5722**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1930, 0.3979, -34.3723**, and **32.0520, 0.9604, -28.1096** is the 20% darker color. If you saturate the color by 10%, you get **72.0890, 1.4351, -40.4201**, and if you desaturate by 10%, it is **78.4540, 1.2552, -29.3392**.

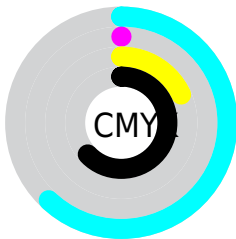
Distribution



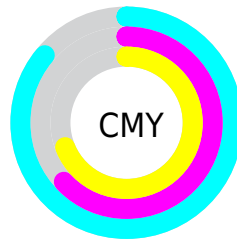
- Red (14%)
- Green (37%)
- Blue (31%)



- Red (14%)
- Yellow (27%)
- Blue (37%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (63%)



- Cyan (86%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4210, 1.2714, -34.5722 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 75.4210, 1.2714, -34.5722 by changing the saturation by 10% instead.

■ 75.4210, 1.2714,
-34.5722

■ 75.4210, 1.2714,
-34.5722

■ 255.0000, 0.0000,
0.0000

■ 49.4420, 2.7401,
-38.9756

■ 126.1930, 0.3979,
-34.3723

■ 32.0520, 0.9604,
-28.1096

■ 152.7800, 0.1085,
-34.8871

■ 18.3910, -3.1508,
-16.1289

■ 179.7800, 0.1085,
-34.8871

■ 0.0000, 0.0000,
0.0000

■ 207.3670, -0.1809,
-35.4019

■ 234.7800, 0.1085,
-34.8871

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 75.4210, 1.2714,
-34.5722

■ 75.4210, 1.2714,
-34.5722

■ 72.0890, 1.4351,
-40.4201

■ 78.4540, 1.2552,
-29.3392

■ 69.1700, 1.8882,
-45.7531

■ 81.6720, 0.6547,
-23.3913

■ 66.1370, 1.9045,
-50.9861

■ 85.0040, 0.4910,
-17.5435

■ 63.5170, 2.2101,
-55.7044

■ 88.0370, 0.4748,
-12.3104

■ 91.3690, 0.3111,
-6.4626

■ 94.2880, -0.1420,
-1.1296

■ 97.6200, -0.3057,
4.7183

■ 100.6530, -0.3219,
9.9513

■ 103.9850, -0.4856,
15.7992

Harmonies

Analogous

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



79.9690, -9.8447, -15.7588



75.4210, 1.2714, -34.5722



66.9370, 15.3141, -58.7037

Triad

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



75.4210, 1.2714, -34.5722



85.2500, 17.6247, -6.3582



85.3920, -14.4903, 27.7202

Complementary

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



75.4210, 1.2714, -34.5722



55.5790, -1.2714, 34.5722

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.



86.7760, -6.7916, 31.7684



75.4210, 1.2714, -34.5722



87.3620, 11.1605, 13.7145

Square

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



75.4210, 1.2714, -34.5722



79.7200, 21.3370, -30.4494



87.4470, 2.2446, 26.7950



84.2890, -18.3835, 16.4095

Rectangle

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



75.4210, 1.2714, -34.5722



67.7180, 20.8450, -59.3887



87.4470, 2.2446, 26.7950



85.6850, -12.1697, 30.0943

Sweetspot

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



75.4210, 1.2714, -34.5722



114.4390, 0.7696, -13.5400



76.0150, -19.7274, -19.3072



56.3580, 0.3165, -8.2070



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



75.4210, 1.2714, -34.5722



91.8270, 2.0573, -53.3453



70.3150, 12.1697, -30.0943



46.6900, 0.1528, -2.3591



74.8640, 2.5320, -65.6557



160.3740, 5.2386, -140.6480

Inverse Universe

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



55.5790, -1.2714, 34.5722



61.1730, -2.0573, 53.3453



60.6850, -12.1697, 30.0943



45.3100, -0.1528, 2.3591



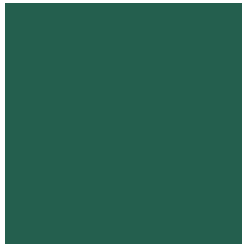
37.1360, -2.5320, 65.6557



79.6260, -5.2386, 140.6480

Previews

White Background



This preview shows how the YUV color 75.4210, 1.2714, -34.5722 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 75.4210, 1.2714, -34.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

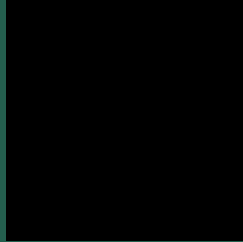
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.4210, 1.2714, -34.5722

Background



This preview shows how black text looks on a background with the YUV color 75.4210, 1.2714, -34.5722.



This preview shows how white text looks on a background with the YUV color 75.4210, 1.2714,

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

75.4210, 1.2714, -34.5722

Protanopia

84.8280, -5.8312, 3.6588

Deuteranopia

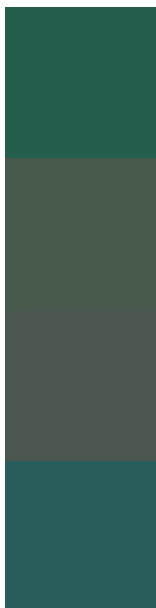
85.4740, -2.2057, 7.4773



Tritanopia

78.4460, 10.1331, -30.2091

Trichromacy



Original Color

75.4210, 1.2714, -34.5722

Protanomaly

81.7230, -3.3144, -10.2811

Deuteranomaly

82.0160, -0.9939, -7.9070

Tritanomaly

77.2240, 6.7916, -31.7684

Monochromacy



Original Color

75.4210, 1.2714, -34.5722

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0370, 0.4748, -12.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4210, 1.2714, -34.5722 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(36, 95, 78)` looks like.

```
.text, #text, p{  
    color:rgb(36, 95, 78)  
}
```

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(36, 95, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 95, 78) }
```

Border

The CSS property to change the border of an element to YUV 75.4210, 1.2714, -34.5722 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(36, 95, 78) }
```


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

```
.border{ border-color:rgb(36, 95, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 95, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 95, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 95, 78);  
box-shadow:4px 4px 4px 4px rgb(36, 95, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.4210, 1.2714, -34.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 95, 78) }
```

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

```
.background{ background-color: rgb(36, 95,  
78) }
```

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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