

Converting Colors

YUV(92.9370, -14.7589,
-26.2547)

Have a look what the booklet for
YUV(92.9370, -14.7589, -26.2547)
contains.

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Color

**YUV(92.9370, -14.7589,
-26.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	3F723F
RGB	63, 114, 63
RGB Percent	25%, 45%, 25%
CMY	0.7529, 0.5529, 0.7529
CMYK	0.45, 0.00, 0.45, 0.55
HSL	120°, 29%, 35%
HSV	120°, 45%, 45%
XYZ	8.9644, 13.4503, 6.8263
YIQ	92.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

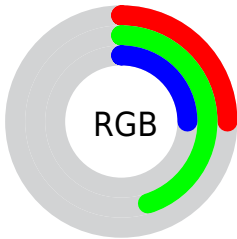
Format	Color
RYB	63, 114, 114
Decimal	4158015
CIELab	43.43, -28.59, 23.02
CIElCh	43, 36.702, 141.155
Yxy	13.4503, 0.3066, 0.4600
Android (android.graphics.Color)	4282348095 (0xFF3F723F)
YUV	92.9370, -14.7589, -26.2547
Hunter-Lab	36.6746, -20.5496, 14.6365

Details

The YUV color **92.9370, -14.7589, -26.2547** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **84.0630, 14.7589, 26.2547**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1820, -16.3587, -26.4696**, and **43.1970, -12.4221, -29.1138** is the 20% darker color. If you saturate the color by 10%, you get **88.3940, -17.9422, -31.9175**, and if you desaturate by 10%, it is **97.4800, -11.5756, -20.5920**.

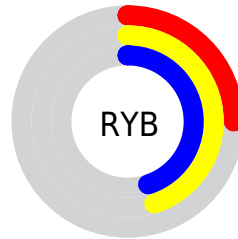
Distribution



Red (25%)

Green (45%)

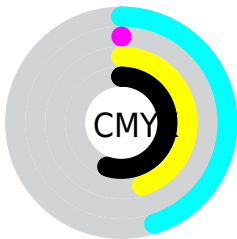
Blue (25%)



Red (25%)

Yellow (45%)

Blue (45%)

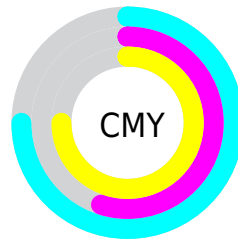


Cyan (45%)

Magenta (0%)

Yellow (45%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.9370, -14.7589, -26.2547 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 92.9370, -14.7589, -26.2547 by changing the saturation by 10% instead.

■ 92.9370, -14.7589,
-26.2547

■ 92.9370, -14.7589,
-26.2547

255.0000, 0.0000,
0.0000

■ 68.1650, -13.8853,
-26.4547

■ 144.1820,
-16.3587, -26.4696

■ 43.1970, -12.4221,
-29.1138

■ 171.3560,
-16.9375, -27.4992

■ 25.2410, -12.4438,
-22.1364

■ 198.9430,
-17.2269, -28.0140

■ 11.7400, -5.7878,
-10.2960

■ 226.8290,
-17.6637, -27.9140

■ 0.0000, 0.0000,
0.0000

■ 241.3280,
-11.0077, -16.0737

■ 253.1910, -3.0522,

-1.0445

■ 92.9370, -14.7589,
-26.2547

■ 92.9370, -14.7589,
-26.2547

■ 88.3940, -17.9422,
-31.9175

■ 97.4800, -11.5756,
-20.5920

■ 83.4380, -21.4149,
-38.0951

■ 102.4360, -8.1029,
-14.4144

■ 78.8950, -24.5982,
-43.7579

■ 106.9790, -4.9196,
-8.7516

■ 73.9390, -28.0709,
-49.9355

■ 111.9350, -1.4470,
-2.5740

■ 69.3960, -31.2542,
-55.5983

■ 116.4780, 1.7363,
3.0888

■ 66.9180, -32.9906,
-58.6871

■ 121.0210, 4.9196,
8.7516

■ 125.9770, 8.3923,
14.9292

■ 130.5200, 11.5756,
20.5920

■ 135.4760, 15.0483,
26.7695

Harmonies

Analogous

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



97.3120, -26.7758, 1.4804



92.9370, -14.7589, -26.2547



79.1670, 6.3267, -69.4295

Triad

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



92.9370, -14.7589, -26.2547



82.4510, 39.2177, -72.3095



102.6750, -10.1928, 49.3970

Complementary

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



92.9370, -14.7589, -26.2547



84.0630, 14.7589, 26.2547

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.



104.1270, 4.3744, 43.7386



92.9370, -14.7589, -26.2547



102.5620, 27.8239, -11.0169

Square

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



92.9370, -14.7589, -26.2547



84.4910, 31.8029, -74.0986



105.7250, 17.3906, 22.1662



102.0040, -22.6800, 41.2155

Rectangle

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



92.9370, -14.7589, -26.2547



82.1480, 15.2100, -72.0438



105.7250, 17.3906, 22.1662



103.2280, -5.5354, 48.9120

Sweetspot

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



92.9370, -14.7589, -26.2547



140.1530, -5.4984, -9.7812



108.1860, -22.2767, 5.0989



69.0440, -3.4727, -6.1776



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.



92.9370, -14.7589, -26.2547



114.9600, -23.1513, -41.1839



95.9010, -3.4022, -28.8542



53.5220, -1.7363, -3.0888



70.4400, -34.7269, -61.7759



144.9890, -71.4796, -127.1554

Inverse Universe

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



84.0630, 14.7589, 26.2547



101.0400, 23.1513, 41.1839



81.2130, 3.8390, 28.7542



52.4780, 1.7363, 3.0888



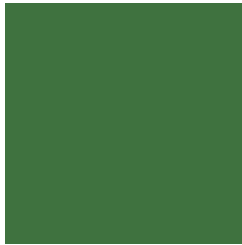
49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 92.9370, -14.7589, -26.2547 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 92.9370, -14.7589, -26.2547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

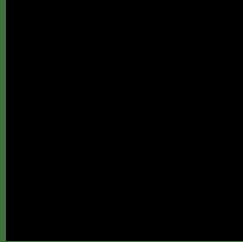
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.9370, -14.7589, -26.2547

Background



This preview shows how black text looks on a background with the YUV color 92.9370, -14.7589, -26.2547.



This preview shows how white text looks on a background with the YUV color 92.9370, -14.7589, -26.2547.

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

92.9370, -14.7589, -26.2547

Protanopia

100.0880, -20.2564, 10.4468

Deuteranopia

101.9410, -17.2259, 18.4687



Tritanopia

98.8600, 8.9430, -21.8022

Trichromacy



Original Color

92.9370, -14.7589, -26.2547

Protanomaly

97.1680, -18.3238, -2.7783

Deuteranomaly

98.7710, -16.1561, 1.9548

Tritanomaly

96.5580, 0.2179, -23.2914

Monochromacy



Original Color

92.9370, -14.7589, -26.2547

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1530, -5.4984, -9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.9370, -14.7589, -26.2547 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(63, 114, 63)` looks like.

```
.text, #text, p{  
    color:rgb(63, 114, 63)  
}
```

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(63, 114, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 114, 63) }
```

Border

The CSS property to change the border of an element to YUV 92.9370, -14.7589, -26.2547 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(63, 114, 63) }
```


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

```
.border{ border-color:rgb(63, 114, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 114, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 114, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 114, 63);  
box-shadow:4px 4px 4px 4px rgb(63, 114,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 92.9370, -14.7589, -26.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 114, 63) }
```

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

```
.background{ background-color: rgb(63, 114,  
63) }
```

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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