

Converting Colors

YUV(50.2740, 14.6549, 12.9147)

Have a look what the booklet for
YUV(50.2740, 14.6549, 12.9147)
contains.

YUV(50.2740, 14.6549, 12.9147)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(50.2740, 14.6549,
12.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	412550
RGB	65, 37, 80
RGB Percent	25%, 15%, 31%
CMY	0.7451, 0.8549, 0.6863
CMYK	0.19, 0.54, 0.00, 0.69
HSL	279°, 37%, 23%
HSV	279°, 54%, 31%
XYZ	4.2895, 3.0261, 7.9474
YIQ	50.2740, 2.8850, 19.3090

Conversions

Conversions Part 2

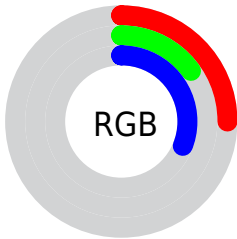
Format	Color
R_{YB}	65, 37, 80
Decimal	4269392
CIE _{Lab}	20.15, 22.20, -21.26
CIE _{LCh}	20, 30.740, 316.247
Yxy	3.0261, 0.2810, 0.1983
Android (android.graphics.Color)	4282459472 (0xFF412550)
YUV	50.2740, 14.6549, 12.9147
Hunter-Lab	17.3958, 13.5724, -14.9101




Details

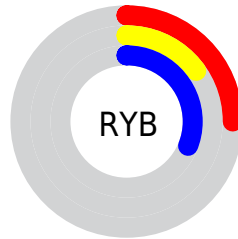
The YUV color **50.2740, 14.6549, 12.9147** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66.7260, -14.6549, -12.9147**, and the grayscale version is **50.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **97.6270, 15.9599, 14.3591**, and **11.5790, 12.0396, 11.7702** is the 20% darker color. If you saturate the color by 10%, you get **44.6810, 17.4123, 15.1888**, and if you desaturate by 10%, it is **55.8670, 11.8976, 10.6406**.

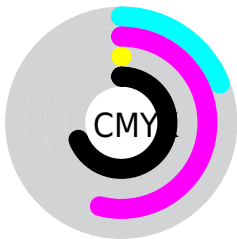
Distribution







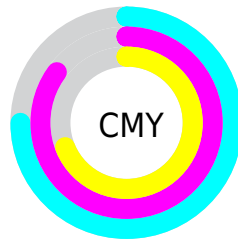
-  Red (25%)
-  Green (15%)
-  Blue (31%)






-  Red (25%)
-  Yellow (15%)
-  Blue (31%)



-  Cyan (19%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (75%)
-  Magenta (85%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.2740, 14.6549, 12.9147 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 50.2740, 14.6549, 12.9147 by changing the saturation by 10% instead.

■ 50.2740, 14.6549,
12.9147

■ 50.2740, 14.6549,
12.9147

■ 255.0000, 0.0000,
0.0000

■ 28.4480, 14.0761,
11.8851

■ 97.6270, 15.9599,
14.3591

■ 11.5790, 12.0396,
11.7702

■ 122.4530, 16.5387,
15.3887

■ 1.1400, 4.3680,
-0.9998

■ 148.8660, 16.8281,
15.9035

■ 0.0000, 0.0000,
0.0000

■ 175.2790, 17.1175,
16.4183

■ 202.8060, 17.8436,
16.8331

■ 229.7370, 12.4547,

18.6477

247.3690, 3.7621,
6.6924

50.2740, 14.6549,
12.9147

50.2740, 14.6549,
12.9147

44.6810, 17.4123,
15.1888

55.8670, 11.8976,
10.6406

39.0880, 20.1696,
17.4628

61.4600, 9.1402,
8.3666

33.7940, 22.7796,
20.3517

66.7540, 6.5303,
5.4777

28.2010, 25.5369,
22.6257

72.3470, 3.7729,
3.2037

24.6680, 27.2787,
23.9702

77.9400, 1.0156,
0.9296

■ 83.5330, -1.7418,
-1.3444

■ 89.1260, -4.4991,
-3.6185

■ 94.4200, -7.1091,
-6.5073

■ 100.0130, -9.8664,
-8.7814

Harmonies

Analogous

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



45.8510, 22.7515, -17.4093



50.2740, 14.6549, 12.9147



48.3920, 5.7227, 31.2282

Triad

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



50.2740, 14.6549, 12.9147



46.4590, -22.9043, 19.7685



41.5870, 9.5706, -36.4718

Complementary

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



50.2740, 14.6549, 12.9147



66.7260, -14.6549, -12.9147

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.



38.2640, -0.6232, -33.5575



50.2740, 14.6549, 12.9147



44.5880, -21.9819, 3.8693

Square

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



50.2740, 14.6549, 12.9147



46.7130, -14.6485, 31.8237



40.8610, -12.7495, -17.4181



43.2800, 18.5960, -37.9566

Rectangle

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



50.2740, 14.6549, 12.9147



47.0030, -0.9875, 36.8314



40.8610, -12.7495, -17.4181



40.6750, 6.0762, -35.6720

Sweetspot

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



50.2740, 14.6549, 12.9147



93.2270, 5.8041, 5.0629



50.7070, 14.4414, -12.0210



46.3470, 3.7729, 3.2037



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



50.2740, 14.6549, 12.9147



57.9080, 23.2164, 20.2517



54.0750, 9.8230, 22.7362



38.0540, 1.4524, 0.8296



32.3020, 35.8401, 31.3071



71.5970, 79.0787, 69.6364

Inverse Universe

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



51.5670, 0.2135, 24.9357



59.9540, 0.0227, 39.5053



62.9250, -9.8230, -22.7362



38.3100, -0.1528, 2.3591



35.4990, 0.2470, 60.9524



78.6020, 1.1822, 134.5300

Previews

White Background



This preview shows how the YUV color 50.2740, 14.6549, 12.9147 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 50.2740, 14.6549, 12.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

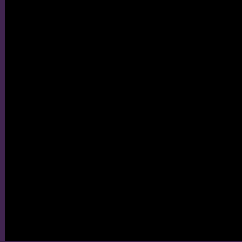
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.2740, 14.6549, 12.9147

Background



This preview shows how black text looks on a background with the YUV color 50.2740, 14.6549, 12.9147.



This preview shows how white text looks on a background with the YUV color 50.2740, 14.6549,

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

50.2740, 14.6549, 12.9147

Protanopia

46.8080, 21.2937, -16.4946

Deuteranopia

47.5220, 15.0257, -12.7358



Tritanopia

49.8270, -0.9007, 8.9217

Trichromacy



Original Color

50.2740, 14.6549, 12.9147

Protanomaly

47.8910, 18.7877, -6.0434

Deuteranomaly

48.8760, 14.8511, -3.3993

Tritanomaly

50.0320, 4.9142, 10.4959

Monochromacy



Original Color

50.2740, 14.6549, 12.9147

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8140, 5.5147, 4.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.2740, 14.6549, 12.9147 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(65, 37, 80)` looks like.

```
.text, #text, p{  
  color:rgb(65, 37, 80)  
}
```

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(65, 37, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 37, 80) }
```

Border

The CSS property to change the border of an element to YUV 50.2740, 14.6549, 12.9147 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(65, 37, 80) }
```


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

```
.border{ border-color:rgb(65, 37, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 37, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 37, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 37, 80);  
box-shadow:4px 4px 4px 4px rgb(65, 37, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.2740, 14.6549, 12.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 37, 80) }
```

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

```
.background{ background-color: rgb(65, 37,  
80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor