

Converting Colors

YUV(67.6420, 12.9945,
-14.5950)

Have a look what the booklet for
YUV(67.6420, 12.9945, -14.5950)
contains.

YUV(67.6420, 12.9945, -14.5950)	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(67.6420, 12.9945,
-14.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	33475E
RGB	51, 71, 94
RGB Percent	20%, 28%, 37%
CMY	0.8000, 0.7216, 0.6314
CMYK	0.46, 0.24, 0.00, 0.63
HSL	212°, 30%, 28%
HSV	212°, 46%, 37%
XYZ	5.6389, 6.0184, 11.4541
YIQ	67.6420, -19.3030, 2.9130

Conversions

Conversions Part 2

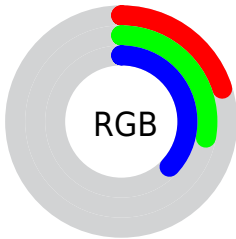
Format	Color
R_{YB}	51, 65, 94
Decimal	3360606
CIE _{Lab}	29.46, -0.93, -16.04
CIE _{LCh}	29, 16.063, 266.664
Yxy	6.0184, 0.2440, 0.2604
Android (android.graphics.Color)	4281550686 (0xFF33475E)
YUV	67.6420, 12.9945, -14.5950
Hunter-Lab	24.5325, -1.9032, -10.5096

Details

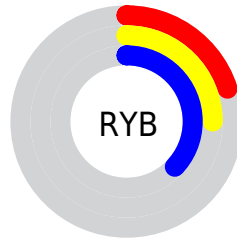
The YUV color **67.6420, 12.9945, -14.5950** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.3580, -12.9945, 14.5950**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1690, 13.7207, -14.1802**, and **22.8050, 12.4211, -17.3690** is the 20% darker color. If you saturate the color by 10%, you get **62.0160, 15.7681, -17.5540**, and if you desaturate by 10%, it is **73.2680, 10.2209, -11.6360**.

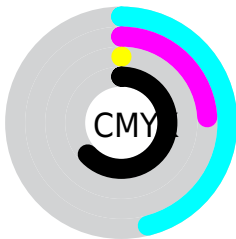
Distribution



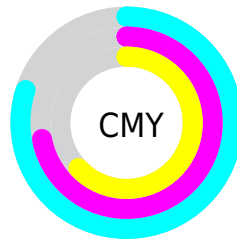
- Red (20%)
- Green (28%)
- Blue (37%)



- Red (20%)
- Yellow (25%)
- Blue (37%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (63%)



- Cyan (80%)
- Magenta (72%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6420, 12.9945, -14.5950 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 67.6420, 12.9945, -14.5950 by changing the saturation by 10% instead.

■ 67.6420, 12.9945,
-14.5950

■ 67.6420, 12.9945,
-14.5950

■ 255.0000, 0.0000,
0.0000

■ 44.8160, 12.4157,
-15.6246

■ 116.1690, 13.7207,
-14.1802

■ 22.8050, 12.4211,
-17.3690

■ 141.9840, 14.3049,
-14.8950

■ 3.6650, 11.5042,
-3.2142

■ 168.0980, 14.7417,
-14.9949

■ 0.0000, 0.0000,
0.0000

■ 196.0980, 14.7417,
-14.9949

■ 223.9130, 15.3259,
-15.7097

■ 249.0200, 2.9481,

-12.2955

■ 67.6420, 12.9945,
-14.5950

■ 67.6420, 12.9945,
-14.5950

■ 62.0160, 15.7681,
-17.5540

■ 73.2680, 10.2209,
-11.6360

■ 56.0910, 18.6891,
-21.1278

■ 79.1930, 7.2999,
-8.0623

■ 50.4650, 21.4628,
-24.0868

■ 84.8190, 4.5262,
-5.1033

■ 44.5400, 24.3838,
-27.6606

■ 90.7440, 1.6052,
-1.5295

■ 38.9140, 27.1574,
-30.6196

■ 96.3700, -1.1684,
1.4295

■ 36.5440, 28.3258,
-32.0491

■ 101.9960, -3.9420,
4.3885

■ 107.9210, -6.8631,
7.9623

■ 113.5470, -9.6367,
10.9213

■ 119.4720,
-12.5577, 14.4951

Harmonies

Analogous

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



64.1630, 12.7376, -25.5760



67.6420, 12.9945, -14.5950



70.4480, 10.6251, -1.2699

Triad

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



67.6420, 12.9945, -14.5950



70.6390, -5.7380, 20.4876



65.8430, -5.3456, -12.1403

Complementary

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



67.6420, 12.9945, -14.5950



77.3580, -12.9945, 14.5950

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.



67.6550, -10.1829, -0.5744



67.6420, 12.9945, -14.5950



69.7650, -10.2371, 16.8691

Square

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



67.6420, 12.9945, -14.5950



71.1210, -0.0597, 19.1879



68.6670, -11.6678, 9.0620



63.7260, 2.1071, -22.5617

Rectangle

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



67.6420, 12.9945, -14.5950



71.4060, 7.6878, 7.5369



68.6670, -11.6678, 9.0620



66.4090, -7.1036, -8.2517

Sweetspot

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



67.6420, 12.9945, -14.5950



111.6340, 5.1104, -5.8180



78.8630, -2.3975, -24.4359



55.0750, 2.9210, -3.5738



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.



67.6420, 12.9945, -14.5950



80.8350, 20.2943, -22.6573



56.2010, 18.6349, -3.6843



42.7440, 1.6052, -1.5295



42.4770, 33.2888, -37.2523



91.5880, 71.6881, -80.3227

Inverse Universe

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



66.1370, 2.3975, 24.4359



78.5670, 3.6645, 38.0907



88.7990, -18.6349, 3.6843



42.7230, 0.1366, 2.8739



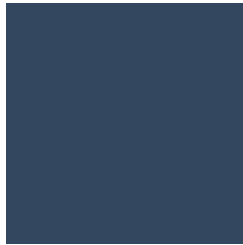
38.7040, 6.0619, 62.5266



83.4030, 13.1123, 134.7046

Previews

White Background



This preview shows how the YUV color 67.6420, 12.9945, -14.5950 looks on a white background.

Color Contrast Check

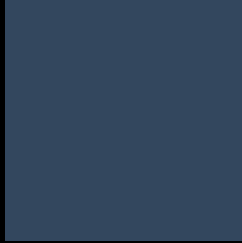
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.6420, 12.9945, -14.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

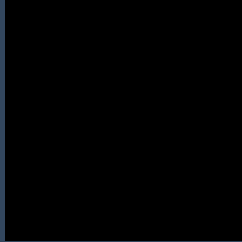
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

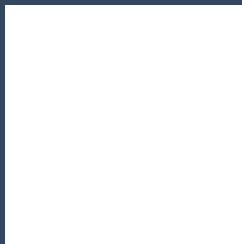
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.6420, 12.9945, -14.5950

Background



This preview shows how black text looks on a background with the YUV color 67.6420, 12.9945, -14.5950.



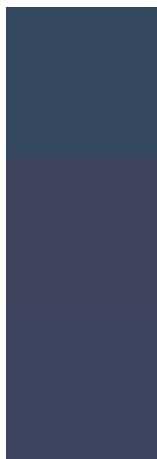
This preview shows how white text looks on a background with the YUV color 67.6420, 12.9945,

-14.5950.

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

67.6420, 12.9945, -14.5950

Protanopia

69.2410, 11.2202, -5.4734

Deuteranopia

69.2840, 12.6780, -6.3881



Tritanopia

66.6110, 6.6008, -17.1988

Trichromacy



Original Color

67.6420, 12.9945, -14.5950

Protanomaly

68.7460, 11.9572, -8.5472

Deuteranomaly

68.6750, 12.9782, -9.3620

Tritanomaly

66.8930, 8.9268, -16.5692

Monochromacy



Original Color

67.6420, 12.9945, -14.5950

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8190, 4.5262, -5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6420, 12.9945, -14.5950 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(51, 71, 94)` looks like.

```
.text, #text, p{  
    color:rgb(51, 71, 94)  
}
```

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(51, 71, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 71, 94) }
```

Border

The CSS property to change the border of an element to YUV 67.6420, 12.9945, -14.5950 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(51, 71, 94) }
```


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

```
.border{ border-color:rgb(51, 71, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 71, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 71, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 71, 94);  
box-shadow:4px 4px 4px 4px rgb(51, 71, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.6420, 12.9945, -14.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 71, 94) }
```

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

```
.background{ background-color: rgb(51, 71,  
94) }
```

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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