

Converting Colors

YUV(65.6960, 41.5619, 16.0526)

Have a look what the booklet for
YUV(65.6960, 41.5619, 16.0526)
contains.

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Color

**YUV(65.6960, 41.5619,
16.0526)**

Conversions

Conversions Part 1

Format	Color
Hex	542896
RGB	84, 40, 150
RGB Percent	33%, 16%, 59%
CMY	0.6706, 0.8431, 0.4118
CMYK	0.44, 0.73, 0.00, 0.41
HSL	264°, 58%, 37%
HSV	264°, 73%, 59%
XYZ	9.9200, 5.6044, 29.4131
YIQ	65.6960, -9.0860, 43.5380

Conversions

Conversions Part 2

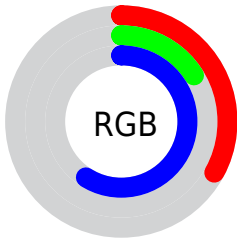
Format	Color
R_{YB}	84, 40, 150
Decimal	5515414
CIE _{Lab}	28.39, 44.07, -52.75
CIE _{LCh}	28, 68.736, 309.876
Yxy	5.6044, 0.2208, 0.1247
Android (android.graphics.Color)	4283705494 (0xFF542896)
YUV	65.6960, 41.5619, 16.0526
Hunter-Lab	23.6736, 33.3680, -57.0927

Details

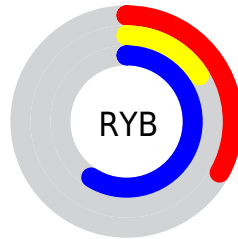
The YUV color **65.6960, 41.5619, 16.0526** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **124.3040, -41.5619, -16.0526**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.1740, 43.2982, 19.1414**, and **18.6470, 39.1210, 5.5716** is the 20% darker color. If you saturate the color by 10%, you get **54.2000, 47.2294, 18.2416**, and if you desaturate by 10%, it is **77.1920, 35.8943, 13.8636**.

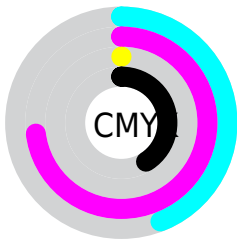
Distribution



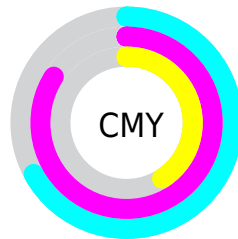
- Red (33%)
- Green (16%)
- Blue (59%)



- Red (33%)
- Yellow (16%)
- Blue (59%)



- Cyan (44%)
- Magenta (73%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (84%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6960, 41.5619, 16.0526 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 65.6960, 41.5619, 16.0526 by changing the saturation by 10% instead.

65.6960, 41.5619,
16.0526

65.6960, 41.5619,
16.0526

255.0000, 0.0000,
0.0000

39.0980, 41.8567,
14.8231

117.1740, 43.2982,
19.1414

18.6470, 39.1210,
5.5716

144.1140, 44.3138,
20.0710

8.4360, 32.3231,
-7.3984

170.4410, 41.6876,
22.4152

8.0480, 20.6823,
-7.0581

194.9610, 29.5992,
26.3442

3.7790, 11.9410,
-3.3142

220.0680, 17.2215,
29.7584

0.0000, 0.0000,
0.0000

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 65.6960, 41.5619,
16.0526

■ 65.6960, 41.5619,
16.0526

■ 54.2000, 47.2294,
18.2416

■ 77.1920, 35.8943,
13.8636

■ 42.7040, 52.8969,
20.4306

■ 88.6880, 30.2268,
11.6746

■ 35.0400, 56.6753,
21.8899

■ 100.1840, 24.5593,
9.4856

■ 111.6800, 18.8918,
7.2966

■ 123.1760, 13.2242,
5.1076

■ 134.6720, 7.5567,
2.9187

■ 146.1680, 1.8892,
0.7297

■ 157.6640, -3.7784,
-1.4593

■ 169.1600, -9.4459,
-3.6483

Harmonies

Analogous

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



60.3390, 56.0349, -52.9173



65.6960, 41.5619, 16.0526



53.5310, 25.3742, 74.9563

Triad

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



65.6960, 41.5619, 16.0526



62.5390, -30.8317, 42.5003



60.6450, 11.5140, -53.1857

Complementary

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



65.6960, 41.5619, 16.0526



124.3040, -41.5619, -16.0526

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.



52.9730, -12.8047, -46.4573



65.6960, 41.5619, 16.0526



61.7100, -30.4230, 4.6393

Square

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



65.6960, 41.5619, 16.0526



42.4580, -20.9318, 87.2983



47.5470, -23.4407, -41.6987



66.4590, 33.7907, -58.2845

Rectangle

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



65.6960, 41.5619, 16.0526



53.7270, 8.0226, 87.0624



47.5470, -23.4407, -41.6987



57.8920, 3.5042, -50.7713

Sweetspot

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



65.6960, 41.5619, 16.0526



160.9850, 16.2764, 6.1522



91.2820, 28.9480, -44.9743



77.8400, 9.4459, 3.6483



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



65.6960, 41.5619, 16.0526



62.8260, 64.6688, 24.7086



82.1410, 33.4545, 49.8653



68.6950, 2.6154, 1.1445



32.1770, 52.1707, 20.0158



2.3360, 3.7784, 1.4593

Inverse Universe

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



80.4140, 12.6139, 61.0269



85.8710, 19.7836, 94.8291



107.8590, -33.4545, -49.8653



69.5490, 0.7153, 3.9035



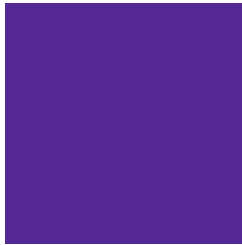
50.7240, 15.9121, 76.5411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 65.6960, 41.5619, 16.0526 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 65.6960, 41.5619, 16.0526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

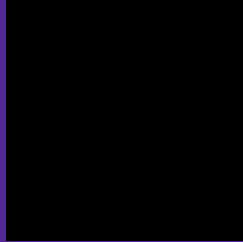
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.6960, 41.5619, 16.0526

Background



This preview shows how black text looks on a background with the YUV color 65.6960, 41.5619, 16.0526.



This preview shows how white text looks on a background with the YUV color 65.6960, 41.5619,

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

65.6960, 41.5619, 16.0526

Protanopia

53.8870, 41.4677, -47.2589

Deuteranopia

54.0690, 32.0110, -47.4185



Tritanopia

67.0860, 2.9156, -1.8294

Trichromacy



Original Color

65.6960, 41.5619, 16.0526

Protanomaly

58.3290, 41.2498, -23.9675

Deuteranomaly

58.1350, 35.4294, -23.7974

Tritanomaly

66.5010, 17.0080, 4.8226

Monochromacy



Original Color

65.6960, 41.5619, 16.0526

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.3440, 15.1134, 5.8373

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6960, 41.5619, 16.0526 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(84, 40, 150)` looks like.

```
.text, #text, p{  
    color:rgb(84, 40, 150)  
}
```

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(84, 40, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 40, 150) }
```

Border

The CSS property to change the border of an element to YUV 65.6960, 41.5619, 16.0526 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(84, 40, 150) }
```


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

```
.border{ border-color:rgb(84, 40, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 40, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 40, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 40, 150);  
box-shadow:4px 4px 4px 4px rgb(84, 40,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 65.6960, 41.5619, 16.0526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 40, 150) }
```

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

```
.background{ background-color: rgb(84, 40,  
150) }
```

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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