

Converting Colors

YUV(65.0080, 37.9571,
-41.2260)

Have a look what the booklet for
YUV(65.0080, 37.9571, -41.2260)
contains.

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Color

**YUV(65.0080, 37.9571,
-41.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	124A8E
RGB	18, 74, 142
RGB Percent	7%, 29%, 56%
CMY	0.9294, 0.7098, 0.4431
CMYK	0.87, 0.48, 0.00, 0.44
HSL	213°, 78%, 31%
HSV	213°, 87%, 56%
XYZ	7.5807, 6.9792, 26.5387
YIQ	65.0080, -55.2040, 9.2760

Conversions

Conversions Part 2

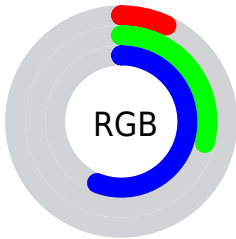
Format	Color
R_{YB}	18, 57, 142
Decimal	1198734
CIE _{Lab}	31.76, 9.37, -42.59
CIE _{LCh}	32, 43.605, 282.404
Yxy	6.9792, 0.1845, 0.1698
Android (android.graphics.Color)	4279388814 (0xFF124A8E)
YUV	65.0080, 37.9571, -41.2260
Hunter-Lab	26.4181, 4.9893, -41.0682

Details

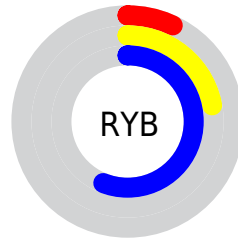
The YUV color **65.0080, 37.9571, -41.2260** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **94.9920, -37.9571, 41.2260**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6720, 37.6297, -29.5303**, and **28.5710, 30.7775, -25.0568** is the 20% darker color. If you saturate the color by 10%, you get **56.1260, 42.3359, -45.7145**, and if you desaturate by 10%, it is **73.8900, 33.5782, -36.7375**.

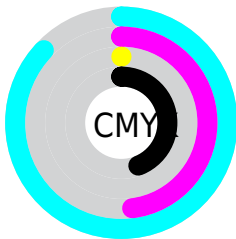
Distribution



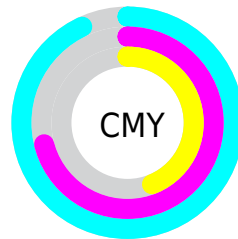
- Red (7%)
- Green (29%)
- Blue (56%)



- Red (7%)
- Yellow (22%)
- Blue (56%)



- Cyan (87%)
- Magenta (48%)
- Yellow (0%)
- Black (44%)



- Cyan (93%)
- Magenta (71%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.0080, 37.9571, -41.2260 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 65.0080, 37.9571, -41.2260 by changing the saturation by 10% instead.

■ 65.0080, 37.9571,
-41.2260

■ 65.0080, 37.9571,
-41.2260

■ 255.0000, 0.0000,
0.0000

■ 43.7480, 35.6202,
-38.3670

■ 119.6720, 37.6297,
-29.5303

■ 28.5710, 30.7775,
-25.0568

■ 146.7970, 38.0611,
-27.8860

■ 11.1600, 27.5291,
-9.7873

■ 173.7370, 39.0767,
-26.9563

■ 6.7770, 18.3509,
-5.9434

■ 198.4850, 27.8619,
-23.2273

■ 3.0950, 9.3202,
-2.7143

■ 223.5920, 15.4841,
-19.8132

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 65.0080, 37.9571,
-41.2260

■ 65.0080, 37.9571,
-41.2260

■ 56.1260, 42.3359,
-45.7145

■ 73.8900, 33.5782,
-36.7375

■ 53.7560, 43.5043,
-47.1440

■ 82.7720, 29.1994,
-32.2490

■ 91.3660, 24.9626,
-26.6310

■ 100.2480, 20.5837,
-22.1425

■ 109.1300, 16.2049,
-17.6540

■ 118.0120, 11.8261,
-13.1655

■ 126.8940, 7.4473,
-8.6770

■ 135.4880, 3.2104,
-3.0590

■ 144.3700, -1.1684,
1.4295

Harmonies

Analogous

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



65.2680, 36.8429, -57.2400



65.0080, 37.9571, -41.2260



77.1030, 24.1062, 14.8187

Triad

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



65.0080, 37.9571, -41.2260



71.0420, -20.2337, 49.9522



58.2850, -2.6055, -51.1159

Complementary

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



65.0080, 37.9571, -41.2260



94.9920, -37.9571, 41.2260

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.



63.3090, -22.3373, -22.1960



65.0080, 37.9571, -41.2260



70.7350, -34.8724, 31.8044

Square

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



65.0080, 37.9571, -41.2260



70.3260, -4.1047, 56.7191



69.1080, -34.0702, 7.7983



62.8620, 12.3930, -55.1300

Rectangle

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



65.0080, 37.9571, -41.2260



75.6560, 15.4526, 37.1357



69.1080, -34.0702, 7.7983



56.3300, -7.5577, -49.4014

Sweetspot

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



65.0080, 37.9571, -41.2260



153.7990, 14.8891, -15.6097



98.3120, -7.0558, -70.4336



73.9370, 8.9051, -9.5917



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



65.0080, 37.9571, -41.2260



69.6970, 56.3514, -61.1243



33.3320, 53.5733, -9.9382



66.5590, 2.1894, -2.2442



51.1970, 41.3149, -44.8998



2.6730, 2.6262, -2.3442

Inverse Universe

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



61.4600, 6.1822, 70.6336



64.4780, 9.1313, 104.8208



126.6680, -53.5733, 9.9382



66.4350, 0.2785, 4.0035



47.3190, 6.7447, 76.8962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 65.0080, 37.9571, -41.2260 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 65.0080, 37.9571, -41.2260 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 65.0080, 37.9571, -41.2260

Background



This preview shows how black text looks on a background with the YUV color 65.0080, 37.9571, -41.2260.



This preview shows how white text looks on a background with the YUV color 65.0080, 37.9571,

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

65.0080, 37.9571, -41.2260

Protanopia

69.5860, 34.7141, -27.7009

Deuteranopia

59.8880, 36.5372, -52.5218



Tritanopia

58.8670, 14.8556, -51.6264

Trichromacy



Original Color

65.0080, 37.9571, -41.2260

Protanomaly

68.1940, 35.8934, -32.6191

Deuteranomaly

61.7360, 37.1052, -48.0035

Tritanomaly

61.3650, 22.9911, -47.6781

Monochromacy



Original Color

65.0080, 37.9571, -41.2260

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8700, 13.8681, -14.7950

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.0080, 37.9571, -41.2260 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(18, 74, 142)` looks like.

```
.text, #text, p{  
    color:rgb(18, 74, 142)  
}
```

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(18, 74, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 74, 142) }
```

Border

The CSS property to change the border of an element to YUV 65.0080, 37.9571, -41.2260 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(18, 74, 142) }
```


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

```
.border{ border-color:rgb(18, 74, 142) }
```

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

Here you see how a box with a 4 pixel rgb(18, 74, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 74, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 74, 142);  
box-shadow:4px 4px 4px 4px rgb(18, 74,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 65.0080, 37.9571, -41.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 74, 142) }
```

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

```
.background{ background-color: rgb(18, 74,  
142) }
```

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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