

Converting Colors

YUV(64.9570, 41.9262,
-54.3363)

Have a look what the booklet for
YUV(64.9570, 41.9262, -54.3363)
contains.

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Color

**YUV(64.9570, 41.9262,
-54.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	035096
RGB	3, 80, 150
RGB Percent	1%, 31%, 59%
CMY	0.9882, 0.6863, 0.4118
CMYK	0.98, 0.47, 0.00, 0.41
HSL	209°, 96%, 30%
HSV	209°, 98%, 59%
XYZ	8.4112, 7.9587, 29.9470
YIQ	64.9570, -68.3620, 5.4460

Conversions

Conversions Part 2

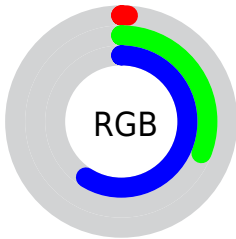
Format	Color
R _Y B	3, 54, 150
Decimal	217238
CIE Lab	33.90, 7.74, -44.04
CIE LCh	34, 44.712, 279.972
Yxy	7.9587, 0.1816, 0.1718
Android (android.graphics.Color)	4278407318 (0xFF035096)
YUV	64.9570, 41.9262, -54.3363
Hunter-Lab	28.2111, 3.8508, -43.1904

Details

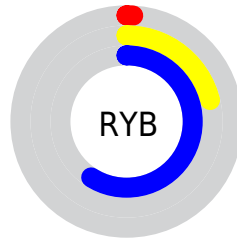
The YUV color **64.9570, 41.9262, -54.3363** is a dark color, and the websafe version is hex **336699**, and the color name is **medium electric blue**. A complement of this color would be **88.0430, -41.9262, 54.3363**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2090, 39.8300, -35.2633**, and **32.8910, 32.0987, -28.8454** is the 20% darker color. If you saturate the color by 10%, you get **63.4730, 42.6578, -55.6658**, and if you desaturate by 10%, it is **73.5510, 37.6894, -48.7182**.

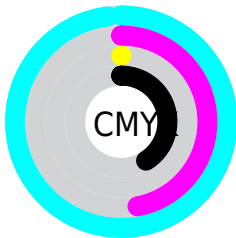
Distribution



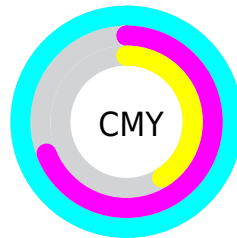
- Red (1%)
- Green (31%)
- Blue (59%)



- Red (1%)
- Yellow (21%)
- Blue (59%)



- Cyan (98%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (99%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9570, 41.9262, -54.3363 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 64.9570, 41.9262, -54.3363 by changing the saturation by 10% instead.

■ 64.9570, 41.9262,
-54.3363

■ 64.9570, 41.9262,
-54.3363

■ 255.0000, 0.0000,
0.0000

■ 48.1820, 37.3783,
-42.2556

■ 124.2090, 39.8300,
-35.2633

■ 32.8910, 32.0987,
-28.8454

■ 150.7470, 40.5507,
-33.1041

■ 17.8280, 27.6928,
-15.6352

■ 177.7750, 38.0719,
-31.3747

■ 8.1620, 21.1191,
-7.1581

■ 202.8820, 25.6942,
-27.9605

■ 4.4800, 12.0884,
-3.9290

■ 227.9890, 13.3164,
-24.5464

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 64.9570, 41.9262,
-54.3363

■ 64.9570, 41.9262,
-54.3363

■ 63.4730, 42.6578,
-55.6658

■ 73.5510, 37.6894,
-48.7182

■ 82.1450, 33.4525,
-43.1002

■ 90.7390, 29.2157,
-37.4821

■ 99.9200, 24.6894,
-32.3788

■ 108.5140, 20.4526,
-26.7608

■ 117.1080, 16.2158,
-21.1427

■ 125.7020, 11.9789,
-15.5247

■ 134.2960, 7.7421,
-9.9066

■ 142.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



69.4740, 37.7273, -60.9287



64.9570, 41.9262, -54.3363



82.1350, 25.5694, 12.1596

Triad

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



64.9570, 41.9262, -54.3363



75.8790, -19.6603, 52.7261



61.3340, -3.6157, -53.7899

Complementary

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



64.9570, 41.9262, -54.3363



88.0430, -41.9262, 54.3363

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.



68.7500, -24.5267, -19.9518



64.9570, 41.9262, -54.3363



75.6430, -35.3200, 35.3931

Square

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



64.9570, 41.9262, -54.3363



75.8640, -3.3840, 58.8783



73.8480, -36.4071, 10.6573



66.7260, 11.9671, -58.5187

Rectangle

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



64.9570, 41.9262, -54.3363



80.8130, 17.3472, 36.1210



73.8480, -36.4071, 10.6573



59.3790, -8.5678, -52.0754

Sweetspot

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



64.9570, 41.9262, -54.3363



161.4070, 16.0683, -20.5279



97.1550, -12.4014, -82.5739



77.4420, 9.6421, -12.6656



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.



64.9570, 41.9262, -54.3363



81.9900, 55.2209, -71.9052



22.6930, 62.7624, -17.2708



69.5590, 2.1894, -2.2442



57.9960, 39.4420, -50.8625



4.0750, 2.9210, -3.5738

Inverse Universe

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



55.7310, 11.9646, 82.6739



69.6340, 15.9564, 109.0690



130.3070, -62.7624, 17.2708



69.4350, 0.2785, 4.0035



49.4700, 11.1073, 77.6408



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 64.9570, 41.9262, -54.3363 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 64.9570, 41.9262, -54.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

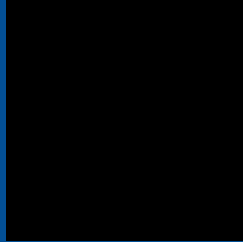
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.9570, 41.9262, -54.3363

Background



This preview shows how black text looks on a background with the YUV color 64.9570, 41.9262, -54.3363.



This preview shows how white text looks on a background with the YUV color 64.9570, 41.9262, -54.3363.

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

64.9570, 41.9262, -54.3363

Protanopia

75.1130, 35.4403, -27.2861

Deuteranopia

63.8490, 39.0214, -55.9956



Tritanopia

63.0730, 15.7400, -55.3150

Trichromacy



Original Color

64.9570, 41.9262, -54.3363

Protanomaly

71.3290, 37.7988, -37.1225

Deuteranomaly

64.4900, 40.1844, -55.6807

Tritanomaly

63.8910, 25.1967, -55.1554

Monochromacy



Original Color

64.9570, 41.9262, -54.3363

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.5920, 15.4841, -19.8132

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9570, 41.9262, -54.3363 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(3, 80, 150)` looks like.

```
.text, #text, p{  
    color:rgb(3, 80, 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(3, 80, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 80, 150) }
```

Border

The CSS property to change the border of an element to YUV 64.9570, 41.9262, -54.3363 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(3, 80, 150) }
```


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

```
.border{ border-color:rgb(3, 80, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 80, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 80, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 80, 150);  
box-shadow:4px 4px 4px 4px rgb(3, 80, 150)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.9570, 41.9262, -54.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 80, 150) }
```

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

```
.background{ background-color: rgb(3, 80,  
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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