

Converting Colors

YUV(97.5840, 41.1241,
-30.3302)

Have a look what the booklet for
YUV(97.5840, 41.1241, -30.3302)
contains.

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Color

**YUV(97.5840, 41.1241,
-30.3302)**

Conversions

Conversions Part 1

Format	Color
Hex	3F63B5
RGB	63, 99, 181
RGB Percent	25%, 39%, 71%
CMY	0.7529, 0.6118, 0.2902
CMYK	0.65, 0.45, 0.00, 0.29
HSL	222°, 48%, 48%
HSV	222°, 65%, 71%
XYZ	14.8522, 13.3166, 45.5036
YIQ	97.5840, -47.7780, 17.8700

Conversions

Conversions Part 2

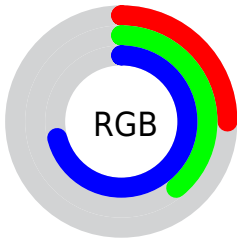
Format	Color
R _{YB}	63, 91, 181
Decimal	4154293
CIE Lab	43.24, 13.98, -47.40
CIE LCh	43, 49.416, 286.435
Yxy	13.3166, 0.2016, 0.1808
Android (android.graphics.Color)	4282344373 (0xFF3F63B5)
YUV	97.5840, 41.1241, -30.3302
Hunter-Lab	36.4920, 8.7885, -48.3872

Details

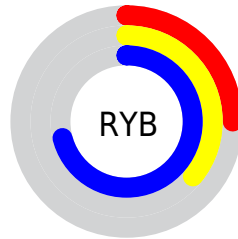
The YUV color **97.5840, 41.1241, -30.3302** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **146.4160, -41.1241, 30.3302**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9590, 42.4182, -25.3970**, and **45.5890, 40.1356, -39.9816** is the 20% darker color. If you saturate the color by 10%, you get **84.5710, 47.5395, -34.7038**, and if you desaturate by 10%, it is **110.5970, 34.7087, -25.9566**.

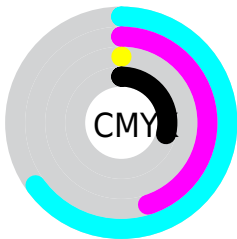
Distribution



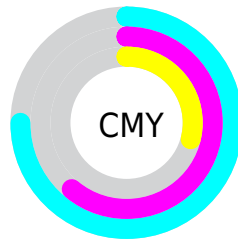
- Red (25%)
- Green (39%)
- Blue (71%)



- Red (25%)
- Yellow (36%)
- Blue (71%)



- Cyan (65%)
- Magenta (45%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.5840, 41.1241, -30.3302 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 97.5840, 41.1241, -30.3302 by changing the saturation by 10% instead.

■ 97.5840, 41.1241,
-30.3302

■ 97.5840, 41.1241,
-30.3302

■ 255.0000, 0.0000,
0.0000

■ 69.3550, 41.7300,
-38.0223

■ 150.9590, 42.4182,
-25.3970

■ 45.5890, 40.1356,
-39.9816

■ 177.5310, 38.1922,
-23.2677

■ 30.9990, 35.0035,
-27.1861

■ 201.7520, 26.2513,
-19.9535

■ 14.6480, 30.7395,
-12.8463

■ 227.1580, 13.7261,
-15.9246

■ 9.0910, 22.1401,
-7.9728

■ 249.9170, 2.5059,
-10.4512

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 97.5840, 41.1241,
-30.3302

■ 97.5840, 41.1241,
-30.3302

■ 84.5710, 47.5395,
-34.7038

■ 110.5970, 34.7087,
-25.9566

■ 72.1450, 53.6655,
-39.5922

■ 123.0230, 28.5827,
-21.0682

■ 59.1320, 60.0809,
-43.9658

■ 136.0360, 22.1673,
-16.6946

■ 52.9190, 63.1439,
-46.4100

■ 148.4620, 16.0412,
-11.8062

■ 161.7740, 9.4784,
-6.8178

■ 174.2000, 3.3524,
-1.9294

■ 187.2130, -3.0630,
2.4442

■ 200.2260, -9.4784,
6.8178

■ 212.6520,
-15.6044, 11.7062

Harmonies

Analogous

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



86.4920, 47.0854, -75.8535



97.5840, 41.1241, -30.3302



105.1410, 26.5525, 23.5553

Triad

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



97.5840, 41.1241, -30.3302



98.6640, -26.9494, 57.2997



79.7880, 1.0905, -69.9741

Complementary

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



97.5840, 41.1241, -30.3302



146.4160, -41.1241, 30.3302

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.



88.4280, -22.8890, -31.9474



97.5840, 41.1241, -30.3302



97.2210, -42.0140, 35.7632

Square

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



97.5840, 41.1241, -30.3302



98.8390, -8.7946, 67.6702



93.9200, -42.3586, 6.2092



85.1630, 19.1466, -74.6880

Rectangle

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



97.5840, 41.1241, -30.3302



103.2490, 16.1462, 48.0166



93.9200, -42.3586, 6.2092



77.6050, -4.7353, -68.0596

Sweetspot

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



97.5840, 41.1241, -30.3302



201.5760, 16.4780, -11.9062



141.5000, 1.2325, -68.8445



97.4750, 9.6258, -7.4326



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



97.5840, 41.1241, -30.3302



105.1470, 64.0175, -46.6099



83.0300, 48.2992, 1.7277



82.7870, 3.0630, -2.4442



45.0310, 53.2287, -39.4922



7.6600, 9.0416, -6.7178

Inverse Universe

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



102.3860, -1.6693, 68.9445



112.9870, -2.9516, 107.0054



160.9700, -48.2992, -1.7277



83.0330, -0.0163, 5.2331



51.1050, -2.0238, 89.3619



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 97.5840, 41.1241, -30.3302 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 × Fail

Black Background



This preview shows how the YUV color 97.5840, 41.1241, -30.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

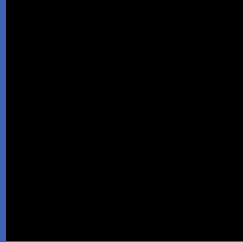
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.5840, 41.1241, -30.3302

Background



This preview shows how black text looks on a background with the YUV color 97.5840, 41.1241, -30.3302.



This preview shows how white text looks on a background with the YUV color 97.5840, 41.1241,

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

97.5840, 41.1241, -30.3302

Protanopia

97.5840, 41.1241, -30.3302

Deuteranopia

90.2500, 44.2467, -51.9622



Tritanopia

87.1270, 17.1924, -54.4854

Trichromacy



Original Color

97.5840, 41.1241, -30.3302

Protanomaly

97.5840, 41.1241, -30.3302

Deuteranomaly

93.2510, 42.7673, -44.0701

Tritanomaly

90.7720, 25.7484, -45.4040

Monochromacy



Original Color

97.5840, 41.1241, -30.3302

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.5330, 15.0202, -10.9914

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5840, 41.1241, -30.3302 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(63, 99, 181)` looks like.

```
.text, #text, p{  
    color:rgb(63, 99, 181)  
}
```

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(63, 99, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 99, 181) }
```

Border

The CSS property to change the border of an element to YUV 97.5840, 41.1241, -30.3302 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(63, 99, 181) }
```


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

```
.border{ border-color:rgb(63, 99, 181) }
```

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

Here you see how a box with a 4 pixel rgb(63, 99, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 99, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 99, 181);  
box-shadow:4px 4px 4px 4px rgb(63, 99,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 97.5840, 41.1241, -30.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 99, 181) }
```

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

```
.background{ background-color: rgb(63, 99,  
181) }
```

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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