

Converting Colors

YUV(39.5740, 6.1260, -4.8884)

Have a look what the booklet for
YUV(39.5740, 6.1260, -4.8884)
contains.

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Color

**YUV(39.5740, 6.1260,
-4.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	222834
RGB	34, 40, 52
RGB Percent	13%, 16%, 20%
CMY	0.8667, 0.8431, 0.7961
CMYK	0.35, 0.23, 0.00, 0.80
HSL	220°, 21%, 17%
HSV	220°, 35%, 20%
XYZ	2.0383, 2.1056, 3.5478
YIQ	39.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

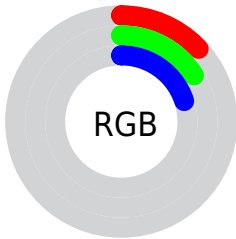
Format	Color
R_{YB}	34, 39, 52
Decimal	2238516
CIE Lab	16.03, 0.85, -8.65
CIE LCh	16, 8.694, 275.583
Yxy	2.1056, 0.2650, 0.2737
Android (android.graphics.Color)	4280428596 (0xFF222834)
YUV	39.5740, 6.1260, -4.8884
Hunter-Lab	14.5107, -0.3198, -4.3387

Details

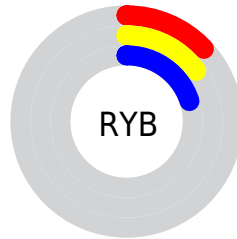
The YUV color **39.5740, 6.1260, -4.8884** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.4260, -6.1260, 4.8884**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6880, 6.5628, -4.9884**, and **0.4560, 1.7472, -0.3999** is the 20% darker color. If you saturate the color by 10%, you get **36.3180, 7.7312, -6.4179**, and if you desaturate by 10%, it is **42.8300, 4.5208, -3.3589**.

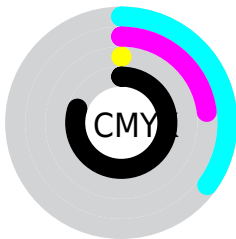
Distribution



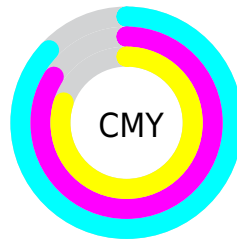
- Red (13%)
- Green (16%)
- Blue (20%)



- Red (13%)
- Yellow (15%)
- Blue (20%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.5740, 6.1260, -4.8884 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 39.5740, 6.1260, -4.8884 by changing the saturation by 10% instead.

■ 39.5740, 6.1260,
-4.8884

■ 39.5740, 6.1260,
-4.8884

255.0000, 0.0000,
0.0000

■ 18.5740, 6.1260,
-4.8884

■ 84.6880, 6.5628,
-4.9884

■ 0.4560, 1.7472,
-0.3999

■ 108.8020, 6.9996,
-5.0884

■ 0.0000, 0.0000,
0.0000

■ 133.9160, 7.4364,
-5.1883

■ 160.6170, 7.5838,
-5.8031

■ 187.6170, 7.5838,
-5.8031

■ 215.0300, 7.8732,

-5.2883

■ 243.1610, 5.8366,
-5.4032

■ 39.5740, 6.1260,
-4.8884

■ 39.5740, 6.1260,
-4.8884

■ 36.3180, 7.7312,
-6.4179

■ 42.8300, 4.5208,
-3.3589

■ 32.4750, 9.6258,
-7.4326

■ 46.6730, 2.6262,
-2.3442

■ 28.9200, 11.3784,
-9.5768

■ 50.2280, 0.8736,
-0.2000

■ 25.0770, 13.2730,
-10.5915

■ 54.0710, -1.0210,
0.8147

■ 21.8210, 14.8782,
-12.1210

■ 57.3270, -2.6262,
2.3442

■ 17.9780, 16.7728,
-13.1357

■ 61.1700, -4.5208,
3.3589

■ 15.9070, 17.7938,
-13.9504

■ 64.4260, -6.1260,
4.8884

■ 68.5680, -8.1680,
6.5179

■ 71.8240, -9.7732,
8.0474

Harmonies

Analogous

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



38.2420, 6.2897, -10.7362



39.5740, 6.1260, -4.8884



40.5640, 4.6519, 1.2594

Triad

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



39.5740, 6.1260, -4.8884



40.4420, -3.6689, 10.1364



37.9020, -1.4307, -7.8071

Complementary

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



39.5740, 6.1260, -4.8884



46.4260, -6.1260, 4.8884

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.



38.8380, -4.3571, -2.4889



39.5740, 6.1260, -4.8884



40.2630, -5.5527, 7.6623

Square

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



39.5740, 6.1260, -4.8884



40.5390, -0.7587, 10.0513



39.5290, -5.6838, 3.0441



37.0910, 1.9271, -11.4808

Rectangle

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



39.5740, 6.1260, -4.8884



41.1300, 2.8939, 5.1480



39.5290, -5.6838, 3.0441



38.5710, -2.7465, -5.7628

Sweetspot

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



39.5740, 6.1260, -4.8884



63.9720, 2.4788, -1.7294



45.9340, 0.0325, -10.4661



32.7440, 1.6052, -1.5295



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



39.5740, 6.1260, -4.8884



49.1760, 9.7732, -8.0474



36.9490, 7.4201, 0.0447



23.9290, 1.0210, -0.8147



27.7560, 30.1933, -24.3420



67.0020, 73.9490, -58.7608

Inverse Universe

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



40.0660, -0.0325, 10.4661



49.8110, 0.0932, 16.8288



49.0510, -7.4201, -0.0447



24.0110, -0.0054, 1.7444



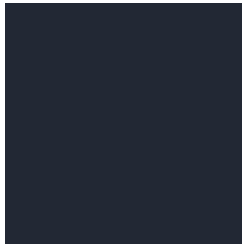
30.0310, -0.0153, 51.7158



73.0910, -0.5379, 126.2082

Previews

White Background



This preview shows how the YUV color 39.5740, 6.1260, -4.8884 looks on a white background.

Color Contrast Check

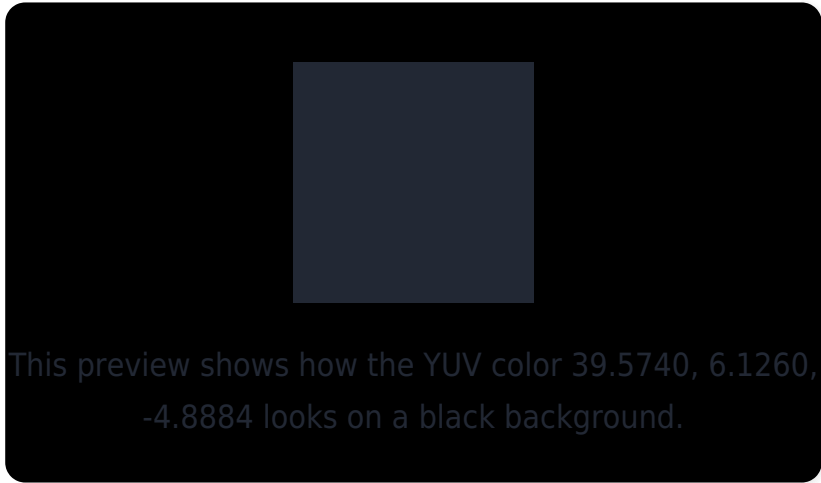
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

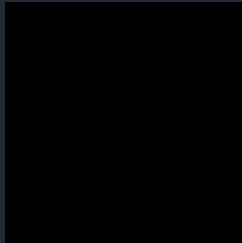
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

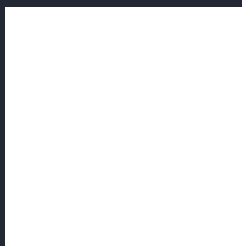
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 39.5740, 6.1260, -4.8884

Background



This preview shows how black text looks on a background with the YUV color 39.5740, 6.1260, -4.8884.



This preview shows how white text looks on a background with the YUV color 39.5740, 6.1260,

-4.8884.

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

39.5740, 6.1260, -4.8884

Protanopia

39.8840, 5.9732, -2.5293

Deuteranopia

39.8840, 5.9732, -2.5293



Tritanopia

38.7650, 3.0739, -5.9329

Trichromacy



Original Color

39.5740, 6.1260, -4.8884

Protanomaly

39.5850, 6.1206, -3.1440

Deuteranomaly

39.5850, 6.1206, -3.1440

Tritanomaly

39.4060, 4.2368, -5.6181

Monochromacy



Original Color

39.5740, 6.1260, -4.8884

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8580, 2.0420, -1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.5740, 6.1260, -4.8884 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(34, 40, 52)` looks like.

```
.text, #text, p{  
    color:rgb(34, 40, 52)  
}
```

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(34, 40, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 40, 52) }
```

Border

The CSS property to change the border of an element to YUV 39.5740, 6.1260, -4.8884 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(34, 40, 52) }
```


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

```
.border{ border-color:rgb(34, 40, 52) }
```

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

Here you see how a box with a 4 pixel rgb(34, 40, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 40, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 40, 52);  
box-shadow:4px 4px 4px 4px rgb(34, 40, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.5740, 6.1260, -4.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 40, 52) }
```

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

```
.background{ background-color: rgb(34, 40,  
52) }
```

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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