

Converting Colors

YUV(40.5140, -16.5224,
-20.6218)

Have a look what the booklet for
YUV(40.5140, -16.5224, -20.6218)
contains.

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Color

**YUV(40.5140, -16.5224,
-20.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	113B07
RGB	17, 59, 7
RGB Percent	7%, 23%, 3%
CMY	0.9333, 0.7686, 0.9725
CMYK	0.71, 0.00, 0.88, 0.77
HSL	108°, 79%, 13%
HSV	108°, 88%, 23%
XYZ	1.8335, 3.2624, 0.7341
YIQ	40.5140, -8.3400, -25.0760

Conversions

Conversions Part 2

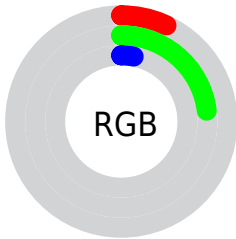
Format	Color
RYB	7, 59, 49
Decimal	1129223
CIELab	21.07, -25.67, 25.82
CIELCh	21, 36.409, 134.833
Yxy	3.2624, 0.3145, 0.5596
Android (android.graphics.Color)	4279319303 (0xFF113B07)
YUV	40.5140, -16.5224, -20.6218
Hunter-Lab	18.0622, -13.4895, 10.2339

Details

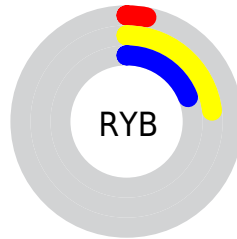
The YUV color **40.5140, -16.5224, -20.6218** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.4860, 16.5224, 20.6218**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.5850, -17.5434, -19.8070**, and **4.1090, -2.0257, -3.6036** is the 20% darker color. If you saturate the color by 10%, you get **38.3350, -18.4062, -23.0958**, and if you desaturate by 10%, it is **42.6930, -14.6386, -18.1478**.

Distribution



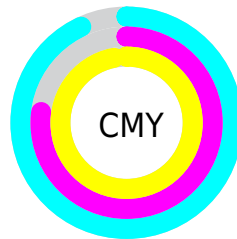
- Red (7%)
- Green (23%)
- Blue (3%)



- Red (3%)
- Yellow (23%)
- Blue (19%)



- Cyan (71%)
- Magenta (0%)
- Yellow (88%)
- Black (77%)



- Cyan (93%)
- Magenta (77%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.5140, -16.5224, -20.6218 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 40.5140, -16.5224, -20.6218 by changing the saturation by 10% instead.

■ 40.5140, -16.5224,
-20.6218

■ 40.5140, -16.5224,
-20.6218

■ 252.4210, -8.5886,
1.3848

■ 21.7190, -10.7075,
-19.0476

■ 88.5850, -17.5434,
-19.8070

■ 4.1090, -2.0257,
-3.6036

■ 113.3570,
-18.4170, -19.6071

■ 0.0000, 0.0000,
0.0000


■ 139.5310,
-18.9958, -20.6367


■ 166.3030,
-19.8694, -20.4367


■ 193.1890,
-20.3062, -20.3368


■ 221.3630,


-20.8850, -21.3664


 240.8570,
-16.6915, -13.0296


 40.5140, -16.5224,
-20.6218


 40.5140, -16.5224,
-20.6218


 38.3350, -18.4062,
-23.0958


 42.6930, -14.6386,
-18.1478

 37.9220, -18.6955,
-23.6106

 44.8720, -12.7549,
-15.6737

 46.7520, -10.7237,
-13.8145

 48.9310, -8.8400,
-11.3405

 51.1100, -6.9562,
-8.8665

■ 53.1750, -5.5093,
-6.2925

■ 55.0550, -3.4781,
-4.4332

■ 57.2340, -1.5944,
-1.9592

■ 59.4130, 0.2894,
0.5148

Harmonies

Analogous

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



46.3600, -22.8555, 4.0693



40.5140, -16.5224, -20.6218



40.4980, -2.2175, -35.5167

Triad

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



40.5140, -16.5224, -20.6218



45.7880, 28.2055, -40.1561



46.0750, -3.4880, 45.5382

Complementary

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



40.5140, -16.5224, -20.6218



25.4860, 16.5224, 20.6218

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.



48.7070, 8.0324, 37.0910



40.5140, -16.5224, -20.6218



43.4950, 29.3360, -29.3751

Square

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



40.5140, -16.5224, -20.6218



46.4260, 20.4960, -40.7156



52.1970, 18.1439, 13.8592



47.4750, -16.9962, 38.1714

Rectangle

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



40.5140, -16.5224, -20.6218



43.1370, 5.3555, -37.8311



52.1970, 18.1439, 13.8592



46.1010, 0.4432, 44.6384

Sweetspot

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



40.5140, -16.5224, -20.6218



69.6370, -6.2300, -8.4516



47.2020, -19.8196, 10.3468



33.9410, -3.9149, -4.3333



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



40.5140, -16.5224, -20.6218



49.6840, -24.4942, -30.4179



39.3480, -8.0596, -28.3692



29.7610, -0.8682, -1.5444



60.5600, -29.8561, -37.3251



143.1710, -70.5833, -87.8500

Inverse Universe

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



25.4860, 16.5224, 20.6218



27.3160, 24.4942, 30.4179



26.6520, 8.0596, 28.3692



28.9400, 1.0156, 0.9296



33.4400, 29.8561, 37.3251



78.8290, 70.5833, 87.8500

Previews

White Background



This preview shows how the YUV color 40.5140, -16.5224, -20.6218 looks on a white background.

Color Contrast Check

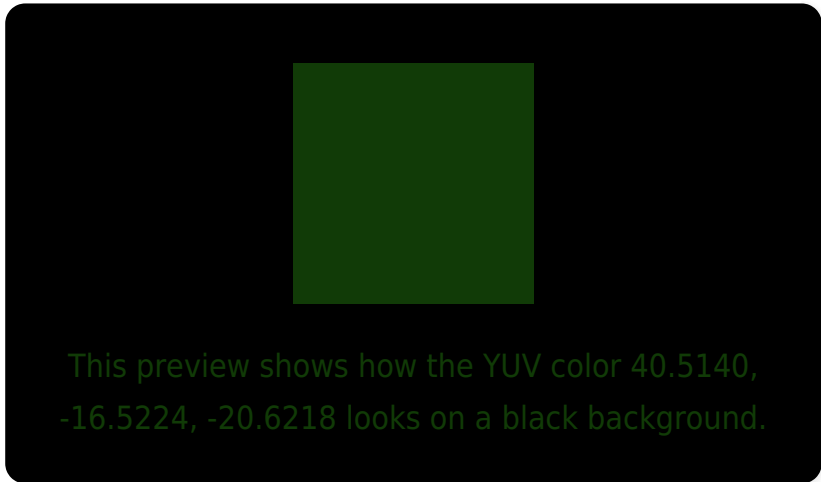
Large Text (above 18pt) WCAG AA ✓ Pass

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

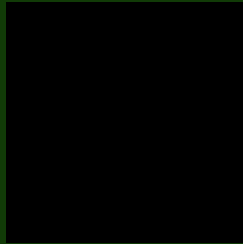
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.5140, -16.5224, -20.6218

Background



This preview shows how black text looks on a background with the YUV color 40.5140, -16.5224, -20.6218.



This preview shows how white text looks on a background with the YUV color 40.5140, -16.5224, -20.6218.

-20.6218.

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

40.5140, -16.5224, -20.6218

Protanopia

47.4360, -21.4139, 8.3876

Deuteranopia

48.9080, -17.2096, 13.2357



Tritanopia

47.6820, 5.5798, -16.3841

Trichromacy



Original Color

40.5140, -16.5224, -20.6218

Protanomaly

44.8260, -19.6342, -2.4784

Deuteranomaly

45.8310, -17.1717, 1.0252

Tritanomaly

44.9070, -2.4192, -17.4584

Monochromacy



Original Color

40.5140, -16.5224, -20.6218

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.0500, -5.9406, -7.9368

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.5140, -16.5224, -20.6218 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(17, 59, 7)` looks like.

```
.text, #text, p{  
    color:rgb(17, 59, 7)  
}
```

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(17, 59, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 59, 7) }
```

Border

The CSS property to change the border of an element to YUV 40.5140, -16.5224, -20.6218 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(17, 59, 7) }
```


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

```
.border{ border-color:rgb(17, 59, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 59, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 59, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(17, 59, 7); box-shadow:4px  
4px 4px 4px rgb(17, 59, 7) }
```

Background

The CSS property to change the background color of an element to YUV 40.5140, -16.5224, -20.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 59, 7) }
```

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

```
.background{ background-color: rgb(17, 59,  
7) }
```

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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