

Converting Colors

YUV(38.0150, -16.2764, -6.1522)

Have a look what the booklet for
YUV(38.0150, -16.2764, -6.1522)
contains.

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Color

**YUV(38.0150, -16.2764,
-6.1522)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3005
RGB	31, 48, 5
RGB Percent	12%, 19%, 2%
CMY	0.8784, 0.8118, 0.9804
CMYK	0.35, 0.00, 0.90, 0.81
HSL	84°, 81%, 10%
HSV	84°, 90%, 19%
XYZ	1.6494, 2.4162, 0.5230
YIQ	38.0150, 3.6710, -16.9770

Conversions

Conversions Part 2

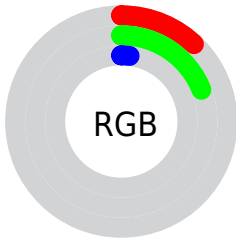
Format	Color
R_{YB}	5, 48, 22
Decimal	2043909
CIE _{Lab}	17.54, -15.10, 22.75
CIE _{LCh}	18, 27.306, 123.568
Yxy	2.4162, 0.3595, 0.5266
Android (android.graphics.Color)	4280233989 (0xFF1F3005)
YUV	38.0150, -16.2764, -6.1522
Hunter-Lab	15.5440, -8.2609, 8.8859

Details

The YUV color **38.0150, -16.2764, -6.1522** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.9850, 16.2764, 6.1522**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.7160, -16.1290, -6.7669**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.8470, -18.1656, -6.8818**, and if you desaturate by 10%, it is **39.1830, -14.3872, -5.4225**.

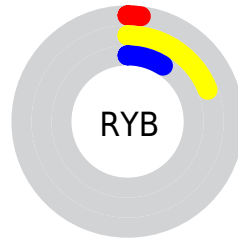
Distribution



Red (12%)

Green (19%)

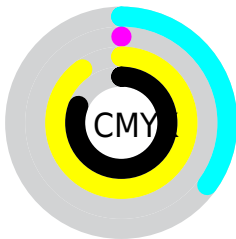
Blue (2%)



Red (2%)

Yellow (19%)

Blue (9%)

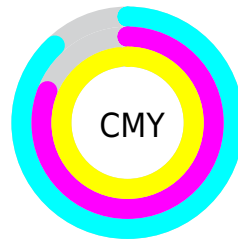


Cyan (35%)

Magenta (0%)

Yellow (90%)

Black (81%)



Cyan (88%)


Magenta (81%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 38.0150, -16.2764, -6.1522 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 38.0150, -16.2764, -6.1522 by changing the saturation by 10% instead.

 38.0150, -16.2764,
-6.1522

 38.0150, -16.2764,
-6.1522


 252.2640,
-10.4832, 2.3995


 17.3330, -8.5452,
-12.5700


 83.7160, -16.1290,
-6.7669

 0.0000, 0.0000,
0.0000

 108.4880,
-17.0026, -6.5670


 133.9610,
-17.7288, -6.9818


 160.1460,
-18.3130, -6.2670


 187.0320,
-18.7498, -6.1671


 215.2060,


-19.3286, -7.1967


 243.3910,
-19.9128, -6.4819


 38.0150, -16.2764,
-6.1522


 38.0150, -16.2764,
-6.1522


 36.8470, -18.1656,
-6.8818

 39.1830, -14.3872,
-5.4225

 40.3510, -12.4980,
-4.6928

 41.4050, -11.0457,
-3.8632

 42.5730, -9.1565,
-3.1335

 43.4420, -7.1199,
-3.0186

■ 44.6100, -5.2307,
-2.2890

■ 45.7780, -3.3416,
-1.5593

■ 46.8320, -1.8892,
-0.7297

■ 48.0000, 0.0000,
0.0000

Harmonies

Analogous

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



40.4900, -19.9616, 9.2173



38.0150, -16.2764, -6.1522



32.7870, -3.8390, -28.7542

Triad

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



38.0150, -16.2764, -6.1522



38.2420, 19.6007, -33.5382



42.0840, -0.5344, 31.4983

Complementary

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



38.0150, -16.2764, -6.1522



14.9850, 16.2764, 6.1522

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.



43.7220, 8.5181, 21.2918



38.0150, -16.2764, -6.1522



35.7630, 22.7948, -31.3642

Square

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



38.0150, -16.2764, -6.1522



37.8200, 12.9067, -33.1681



44.1370, 15.7085, 1.6339



41.0810, -9.4069, 30.6240

Rectangle

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



38.0150, -16.2764, -6.1522



34.8560, 1.5500, -30.5687



44.1370, 15.7085, 1.6339



42.2840, 2.8180, 29.5689

Sweetspot

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



38.0150, -16.2764, -6.1522



57.3820, -6.1043, -2.0890



27.2490, -10.9688, 18.1986



28.6640, -3.7784, -1.4593



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



38.0150, -16.2764, -6.1522



46.8700, -23.1069, -8.6560



31.7360, -13.1808, -19.0625



22.4730, -0.7262, -0.4148



66.6170, -32.8422, -12.8191



164.4880, -81.0926, -30.2460

Inverse Universe

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



14.9850, 16.2764, 6.1522



14.1300, 23.1069, 8.6560



21.2640, 13.1808, 19.0625



21.5270, 0.7262, 0.4148



20.0840, 32.9896, 12.2043



49.8110, 80.9452, 30.8608

Previews

White Background



This preview shows how the YUV color 38.0150, -16.2764, -6.1522 looks on a white background.

Color Contrast Check

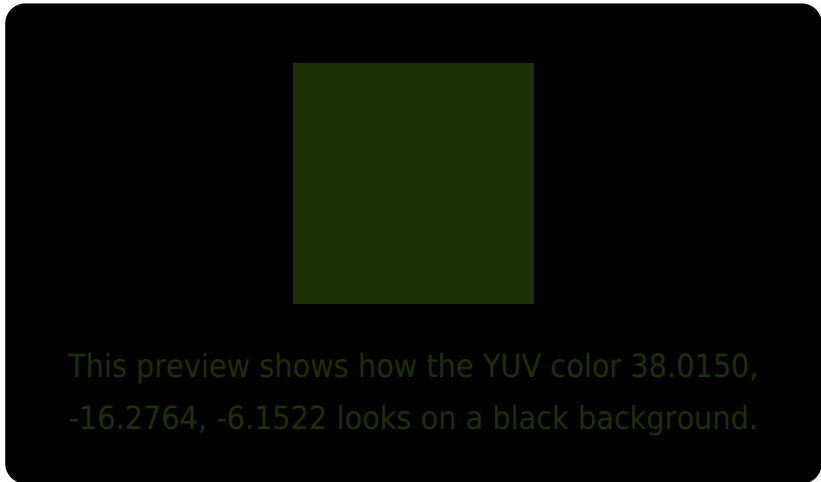
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0150, -16.2764, -6.1522

Background



This preview shows how black text looks on a background with the YUV color 38.0150, -16.2764, -6.1522.



This preview shows how white text looks on a background with the YUV color 38.0150, -16.2764,

-6.1522.

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

38.0150, -16.2764, -6.1522

Protanopia

40.2340, -18.3564, 7.6878

Deuteranopia

41.3530, -15.4570, 11.0914



Tritanopia

42.6510, 2.6371, -5.8329

Trichromacy



Original Color

38.0150, -16.2764, -6.1522

Protanomaly

39.4290, -17.4665, 2.2548

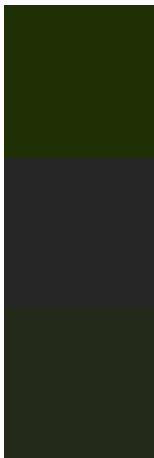
Deuteranomaly

40.4940, -16.0195, 4.8288

Tritanomaly

40.8160, -4.3463, -5.9776

Monochromacy



Original Color

38.0150, -16.2764, -6.1522

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.0150, -16.2764, -6.1522 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(31, 48, 5)` looks like.

```
.text, #text, p{  
    color:rgb(31, 48, 5)  
}
```

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(31, 48, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 48, 5) }
```

Border

The CSS property to change the border of an element to YUV 38.0150, -16.2764, -6.1522 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(31, 48, 5) }
```


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

```
.border{ border-color:rgb(31, 48, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 48, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 48, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 48, 5); box-shadow:4px  
4px 4px 4px rgb(31, 48, 5) }
```

Background

The CSS property to change the background color of an element to YUV 38.0150, -16.2764, -6.1522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 48, 5) }
```

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

```
.background{ background-color: rgb(31, 48,  
5) }
```

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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