

Converting Colors

YUV(64.8520, -19.1540,
-16.5332)

Have a look what the booklet for
YUV(64.8520, -19.1540, -16.5332)
contains.

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Color

**YUV(64.8520, -19.1540,
-16.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	2E521A
RGB	46, 82, 26
RGB Percent	18%, 32%, 10%
CMY	0.8196, 0.6784, 0.8980
CMYK	0.44, 0.00, 0.68, 0.68
HSL	99°, 52%, 21%
HSV	99°, 68%, 32%
XYZ	4.3305, 6.6900, 2.0403
YIQ	64.8520, -3.4800, -25.0480

Conversions

Conversions Part 2

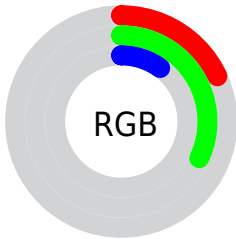
Format	Color
R_{YB}	26, 82, 62
Decimal	3035674
CIE _{Lab}	31.09, -24.40, 28.07
CIE _{LCh}	31, 37.188, 130.996
Yxy	6.6900, 0.3316, 0.5122
Android (android.graphics.Color)	4281225754 (0xFF2E521A)
YUV	64.8520, -19.1540, -16.5332
Hunter-Lab	25.8651, -15.3785, 13.4285

Details

The YUV color **64.8520, -19.1540, -16.5332** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.1480, 19.1540, 16.5332**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0970, -20.7538, -16.7481**, and **21.7190, -10.7075, -19.0476** is the 20% darker color. If you saturate the color by 10%, you get **62.4450, -21.9114, -18.8073**, and if you desaturate by 10%, it is **67.2590, -16.3967, -14.2591**.

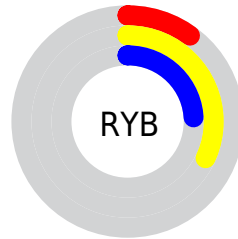
Distribution



Red (18%)

Green (32%)

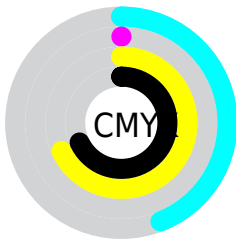
Blue (10%)



Red (10%)

Yellow (32%)

Blue (24%)

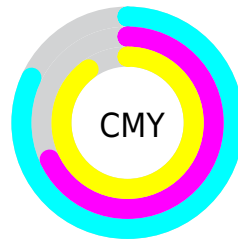


Cyan (44%)

Magenta (0%)

Yellow (68%)

Black (68%)



Cyan (82%)

Magenta (68%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.8520, -19.1540, -16.5332 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 64.8520, -19.1540, -16.5332 by changing the saturation by 10% instead.

■ 64.8520, -19.1540,
-16.5332

■ 64.8520, -19.1540,
-16.5332

255.0000, 0.0000,
0.0000

■ 41.4390, -19.4434,
-17.0480

■ 114.0970,
-20.7538, -16.7481

■ 21.7190, -10.7075,
-19.0476

■ 139.9830,
-21.1906, -16.6481

■ 4.1090, -2.0257,
-3.6036

■ 166.4560,
-21.9168, -17.0629

■ 0.0000, 0.0000,
0.0000

■ 193.9290,
-22.6430, -17.4777

■ 221.8150,
-23.0798, -17.3778

■ 241.4830,

-19.4651, -10.0706

■ 252.2640,
-10.4832, 2.3995

■ 64.8520, -19.1540,
-16.5332

■ 64.8520, -19.1540,
-16.5332

■ 62.4450, -21.9114,
-18.8073

■ 67.2590, -16.3967,
-14.2591

■ 59.7390, -24.5213,
-21.6961

■ 69.9650, -13.7867,
-11.3703

■ 57.2180, -27.7155,
-23.8702

■ 72.4860, -10.5926,
-9.1962

■ 56.8050, -28.0049,
-24.3850

■ 74.8930, -7.8352,
-6.9222

■ 77.3000, -5.0779,
-4.6481

■ 80.0060, -2.4680,
-1.7593

■ 82.4130, 0.2894,
0.5148

■ 84.9340, 3.4835,
2.6889

■ 87.3410, 6.2409,
4.9629

Harmonies

Analogous

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



68.2590, -29.7077, 8.5429



64.8520, -19.1540, -16.5332



56.5240, -1.7373, -49.5715

Triad

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



64.8520, -19.1540, -16.5332



62.1390, 32.4695, -54.4959



71.3850, -3.6408, 47.8974

Complementary

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



64.8520, -19.1540, -16.5332



43.1480, 19.1540, 16.5332

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.



74.0490, 9.3428, 36.7910



64.8520, -19.1540, -16.5332



67.5380, 30.7938, -30.2898

Square

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



64.8520, -19.1540, -16.5332



63.1360, 23.5970, -55.3703



75.4570, 20.4807, 11.0002



71.0950, -17.3018, 42.8897

Rectangle

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



64.8520, -19.1540, -16.5332



59.3910, 6.7092, -52.0859



75.4570, 20.4807, 11.0002



71.8130, 0.5852, 45.7680

Sweetspot

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



64.8520, -19.1540, -16.5332



100.4200, -7.1091, -6.5073



63.2890, -18.3835, 16.4095



49.8270, -4.3517, -4.2333



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



64.8520, -19.1540, -16.5332



80.2240, -30.1834, -25.6294



59.6700, -13.1483, -29.5286



39.6470, -1.3050, -1.4444



72.6980, -35.8401, -31.3071



161.0010, -79.3735, -68.4069

Inverse Universe

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



43.1480, 19.1540, 16.5332



46.0750, 30.0360, 26.2442



48.3300, 13.1483, 29.5286



38.0540, 1.4524, 0.8296



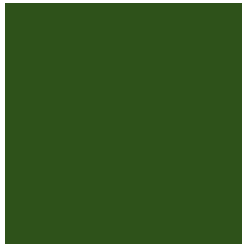
32.0030, 35.9875, 30.6924



70.9990, 79.3735, 68.4069

Previews

White Background



This preview shows how the YUV color 64.8520, -19.1540, -16.5332 looks on a white background.

Color Contrast Check

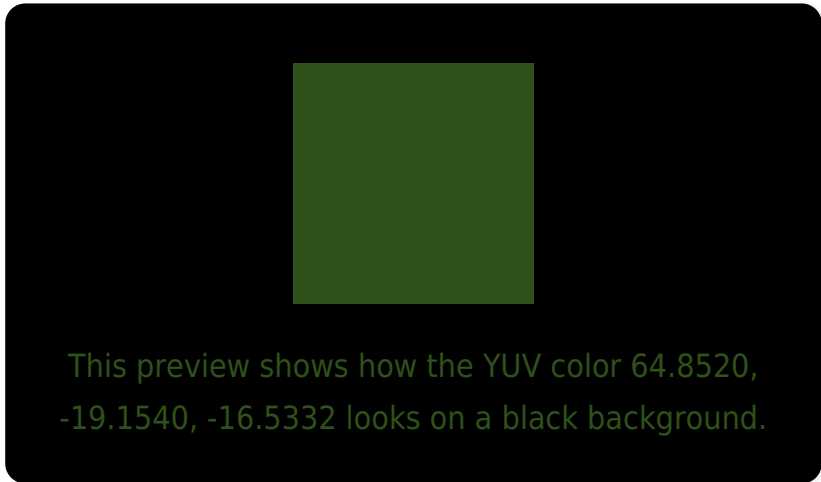
Large Text (above 18pt) WCAG AA ✓ Pass

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

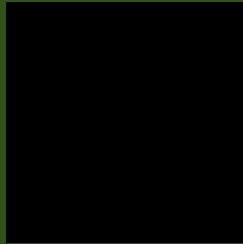
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.8520, -19.1540, -16.5332

Background



This preview shows how black text looks on a background with the YUV color 64.8520, -19.1540, -16.5332.



This preview shows how white text looks on a background with the YUV color 64.8520, -19.1540,

-16.5332.

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

64.8520, -19.1540, -16.5332

Protanopia

70.1050, -22.7298, 10.4319

Deuteranopia

71.1320, -20.2781, 17.4242



Tritanopia

71.1060, 5.8637, -14.1250

Trichromacy



Original Color

64.8520, -19.1540, -16.5332

Protanomaly

68.0930, -21.2448, 0.7954

Deuteranomaly

69.1690, -19.8033, 5.1138

Tritanomaly

68.9890, -3.4456, -14.8994

Monochromacy



Original Color

64.8520, -19.1540, -16.5332

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8330, -6.8197, -5.9925

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8520, -19.1540, -16.5332 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(46, 82, 26)` looks like.

```
.text, #text, p{  
    color:rgb(46, 82, 26)  
}
```

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(46, 82, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 82, 26) }
```

Border

The CSS property to change the border of an element to YUV 64.8520, -19.1540, -16.5332 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(46, 82, 26) }
```


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

```
.border{ border-color:rgb(46, 82, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 82, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 82, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 82, 26);  
box-shadow:4px 4px 4px 4px rgb(46, 82, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.8520, -19.1540, -16.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 82, 26) }
```

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

```
.background{ background-color: rgb(46, 82,  
26) }
```

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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