

Converting Colors

YUV(64.3460, -21.8626,
-34.5064)

Have a look what the booklet for
YUV(64.3460, -21.8626, -34.5064)
contains.

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Color

**YUV(64.3460, -21.8626,
-34.5064)**

Conversions

Conversions Part 1

Format	Color
Hex	195D14
RGB	25, 93, 20
RGB Percent	10%, 36%, 8%
CMY	0.9020, 0.6353, 0.9216
CMYK	0.73, 0.00, 0.78, 0.64
HSL	116°, 65%, 22%
HSV	116°, 78%, 36%
XYZ	4.4415, 8.0859, 1.9885
YIQ	64.3460, -17.0950, -37.1190

Conversions

Conversions Part 2

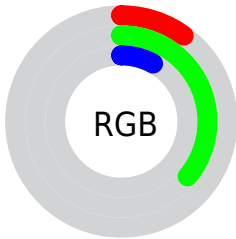
Format	Color
RYB	20, 93, 88
Decimal	1662228
CIELab	34.16, -36.12, 33.82
CIElCh	34, 49.477, 136.884
Yxy	8.0859, 0.3060, 0.5570
Android (android.graphics.Color)	4279852308 (0xFF195D14)
YUV	64.3460, -21.8626, -34.5064
Hunter-Lab	28.4357, -21.8816, 15.7589

Details

The YUV color **64.3460, -21.8626, -34.5064** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **48.6540, 21.8626, 34.5064**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2000, -23.7626, -31.7474**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **60.6290, -24.4671, -39.1396**, and if you desaturate by 10%, it is **68.0630, -19.2581, -29.8733**.

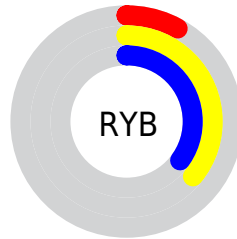
Distribution



Red (10%)

Green (36%)

Blue (8%)



Red (8%)

Yellow (36%)

Blue (35%)

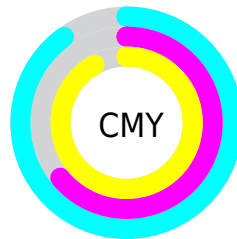


Cyan (73%)

Magenta (0%)

Yellow (78%)

Black (64%)



Cyan (90%)

Magenta (64%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3460, -21.8626, -34.5064 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 64.3460, -21.8626, -34.5064 by changing the saturation by 10% instead.

■ 64.3460, -21.8626,
-34.5064

■ 64.3460, -21.8626,
-34.5064

255.0000, 0.0000,
0.0000

■ 40.5030, -19.9680,
-35.5211

■ 116.2000,
-23.7626, -31.7474

■ 27.0020, -13.3120,
-23.6808

■ 142.6730,
-24.4888, -32.1622

■ 13.5010, -6.6560,
-11.8404

■ 170.0320,
-25.6518, -32.4771

■ 0.0000, 0.0000,
0.0000

■ 197.8040,
-26.5254, -32.2771

■ 225.6900,
-26.9622, -32.1771

■ 237.2540,

-18.8592, -17.7628

■ 249.1170,
-10.9037, -2.7336

■ 64.3460, -21.8626,
-34.5064

■ 64.3460, -21.8626,
-34.5064

■ 60.6290, -24.4671,
-39.1396

■ 68.0630, -19.2581,
-29.8733

■ 57.0970, -27.6558,
-43.0581

■ 71.5950, -16.0693,
-25.9548

■ 56.3850, -27.7978,
-44.1876

■ 75.3120, -13.4648,
-21.3216

■ 79.0290, -10.8603,
-16.6884

■ 82.5610, -7.6716,
-12.7700

■ 86.2780, -5.0671,
-8.1368

■ 89.9950, -2.4625,
-3.5036

■ 93.4130, 0.2894,
0.5148

■ 97.2440, 3.3307,
5.0480

Harmonies

Analogous

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



72.9180, -35.9486, 3.5799



64.3460, -21.8626, -34.5064



63.8930, -1.4262, -56.0342

Triad

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



64.3460, -21.8626, -34.5064



70.7280, 42.5321, -62.0285



73.1100, -6.4632, 66.5555

Complementary

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



64.3460, -21.8626, -34.5064



48.6540, 21.8626, 34.5064

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.



76.9250, 10.8830, 56.1938



64.3460, -21.8626, -34.5064



72.8500, 40.9930, -34.9484

Square

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



64.3460, -21.8626, -34.5064



71.9700, 32.0598, -63.1177



82.6140, 25.8263, 23.1405



75.5820, -25.9229, 54.7406

Rectangle

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



64.3460, -21.8626, -34.5064



67.6720, 10.5147, -59.3483



82.6140, 25.8263, 23.1405



73.4180, -0.2061, 66.2854

Sweetspot

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



64.3460, -21.8626, -34.5064



108.6210, -8.6872, -13.6996



81.1560, -30.1499, 10.3872



54.1640, -5.5039, -8.0368



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



64.3460, -21.8626, -34.5064



75.7230, -33.8804, -53.2541



66.2710, -8.0216, -40.5797



44.2340, -1.5944, -1.9592



66.9620, -33.0123, -51.7097



143.9030, -70.9442, -112.1709

Inverse Universe

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



48.6540, 21.8626, 34.5064



51.2770, 33.8804, 53.2541



46.7290, 8.0216, 40.5797



43.0650, 1.4470, 2.5740



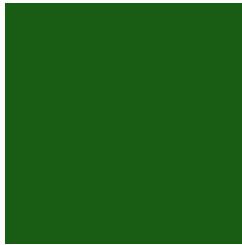
43.0380, 33.0123, 51.7097



93.0970, 70.9442, 112.1709

Previews

White Background



This preview shows how the YUV color 64.3460, -21.8626, -34.5064 looks on a white background.

Color Contrast Check

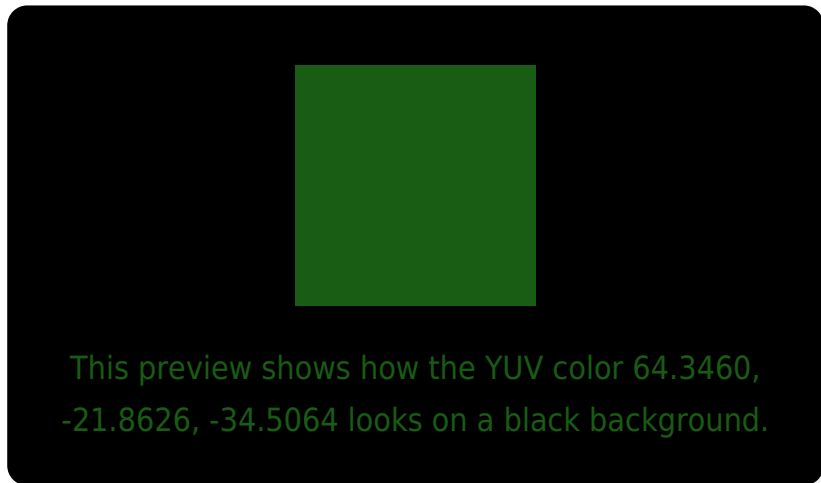
Large Text (above 18pt) WCAG AA ✓ Pass

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

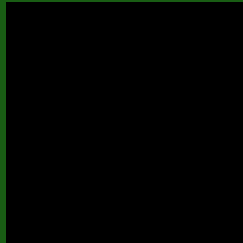
Any Text WCAG AA × Fail

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 64.3460, -21.8626, -34.5064 Background



This preview shows how black text looks on a background with the YUV color 64.3460, -21.8626, -34.5064.



This preview shows how white text looks on a background with the YUV color 64.3460, -21.8626,

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

64.3460, -21.8626, -34.5064

Protanopia

75.8080, -28.9923, 12.4464

Deuteranopia

77.7040, -24.5041, 19.5536



Tritanopia

75.2400, 9.2487, -26.5205

Trichromacy



Original Color

64.3460, -21.8626, -34.5064

Protanomaly

71.6810, -26.4647, -4.9822

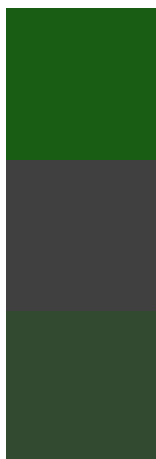
Deuteranomaly

72.8110, -23.5708, 0.1658

Tritanomaly

71.2430, -2.0918, -29.1541

Monochromacy



Original Color

64.3460, -21.8626, -34.5064

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.4470, -8.1084, -12.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3460, -21.8626, -34.5064 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(25, 93, 20)` looks like.

```
.text, #text, p{  
    color:rgb(25, 93, 20)  
}
```

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(25, 93, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 93, 20) }
```

Border

The CSS property to change the border of an element to YUV 64.3460, -21.8626, -34.5064 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(25, 93, 20) }
```


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

```
.border{ border-color:rgb(25, 93, 20) }
```

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

Here you see how a box with a 4 pixel rgb(25, 93, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 93, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 93, 20);  
box-shadow:4px 4px 4px 4px rgb(25, 93, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.3460, -21.8626, -34.5064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 93, 20) }
```

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

```
.background{ background-color: rgb(25, 93,  
20) }
```

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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