

Converting Colors

YUV(66.4360, -21.4139, 8.3876)

Have a look what the booklet for
YUV(66.4360, -21.4139, 8.3876)
contains.

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Color

**YUV(66.4360, -21.4139,
8.3876)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4617
RGB	76, 70, 23
RGB Percent	30%, 27%, 9%
CMY	0.7020, 0.7255, 0.9098
CMYK	0.00, 0.08, 0.70, 0.70
HSL	53°, 54%, 19%
HSV	53°, 70%, 30%
XYZ	5.3253, 5.9787, 1.6839
YIQ	66.4360, 18.6630, -13.3450

Conversions

Conversions Part 2

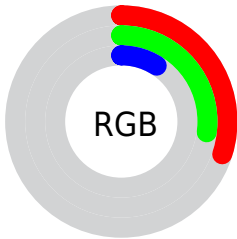
Format	Color
RYB	30, 76, 23
Decimal	4998679
CIELab	29.36, -4.19, 28.38
CIELCh	29, 28.682, 98.392
Yxy	5.9787, 0.4100, 0.4603
Android (android.graphics.Color)	4283188759 (0xFF4C4617)
YUV	66.4360, -21.4139, 8.3876
Hunter-Lab	24.4513, -3.9140, 13.0327

Details

The YUV color **66.4360, -21.4139, 8.3876** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32.5640, 21.4139, -8.3876**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.1050, -22.7298, 10.4319**, and **24.5200, -12.0884, 3.9290** is the 20% darker color. If you saturate the color by 10%, you get **64.9370, -24.6189, 9.7023**, and if you desaturate by 10%, it is **67.9350, -18.2090, 7.0730**.

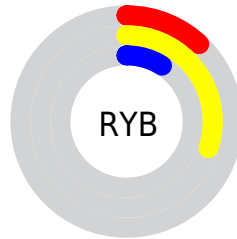
Distribution



 Red (30%)

 Green (27%)

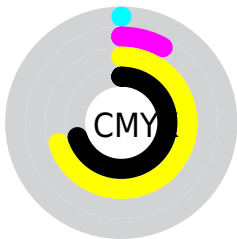
 Blue (9%)



 Red (12%)

 Yellow (30%)

 Blue (9%)

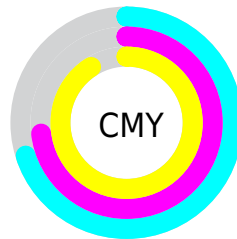


 Cyan (0%)

 Magenta (8%)

 Yellow (70%)

 Black (70%)



 Cyan (70%)

 Magenta (73%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4360, -21.4139, 8.3876 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 66.4360, -21.4139, 8.3876 by changing the saturation by 10% instead.

■ 66.4360, -21.4139,
8.3876

■ 66.4360, -21.4139,
8.3876

■ 255.0000, 0.0000,
0.0000

■ 43.7240, -21.5559,
7.2581

■ 115.1050,
-22.7298, 10.4319

■ 24.5200, -12.0884,
3.9290

■ 140.8770,
-23.6034, 10.6319

■ 0.0000, 0.0000,
0.0000


■ 167.3610,
-24.3350, 11.9614


■ 194.5460,
-24.9192, 12.6762


■ 222.3180,
-25.7928, 12.8761


■ 247.9150,


-24.6081, 6.2135


 251.6940,
-12.6671, 2.8994


 66.4360, -21.4139,
8.3876


 66.4360, -21.4139,
8.3876


 64.9370, -24.6189,
9.7023


 67.9350, -18.2090,
7.0730


 63.5520, -27.3871,
10.9169

 69.3200, -15.4408,
5.8584

 62.0530, -30.5921,
12.2315

 70.8190, -12.2358,
4.5437

 71.6170, -9.1782,
3.8439

 73.1160, -5.9732,
2.5293

■ 74.6150, -2.7682,
1.2146

■ 76.0000, 0.0000,
0.0000

■ 77.4990, 3.2050,
-1.3146

■ 78.8840, 5.9732,
-2.5293

Harmonies

Analogous

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



67.8770, -20.1524, 23.7869



66.4360, -21.4139, 8.3876



63.9220, -15.2445, -10.4556

Triad

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



66.4360, -21.4139, 8.3876



57.3170, 19.0707, -50.2670



71.1140, 7.3388, 26.2100

Complementary

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



66.4360, -21.4139, 8.3876



32.5640, 21.4139, -8.3876

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.



71.2840, 16.1290, 6.7669



66.4360, -21.4139, 8.3876



57.1520, 26.0541, -50.1223

Square

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



66.4360, -21.4139, 8.3876



55.5100, 9.6086, -48.6823



65.6440, 23.3465, -21.6128



69.5360, -2.7292, 35.4869

Rectangle

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



66.4360, -21.4139, 8.3876



60.4840, -7.6336, -24.9805



65.6440, 23.3465, -21.6128



71.2920, 10.7020, 20.7919

Sweetspot

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



66.4360, -21.4139, 8.3876



95.5460, -8.1572, 3.0292



39.5310, -5.1918, 31.9833



48.9310, -5.3890, 1.8145



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



66.4360, -21.4139, 8.3876



84.2550, -33.6497, 12.9314



63.9780, -20.2022, -6.9967



37.5440, -1.7472, 0.3999



83.3280, -41.0807, 16.3753



188.5180, -92.9394, 36.3797

Inverse Universe

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



32.5640, 21.4139, -8.3876



30.7450, 33.6497, -12.9314



35.0220, 20.2022, 6.9967



35.0430, 1.4578, -0.9147



18.6720, 41.0807, -16.3753



41.4820, 92.9394, -36.3797

Previews

White Background



This preview shows how the YUV color 66.4360, -21.4139, 8.3876 looks on a white background.

Color Contrast Check

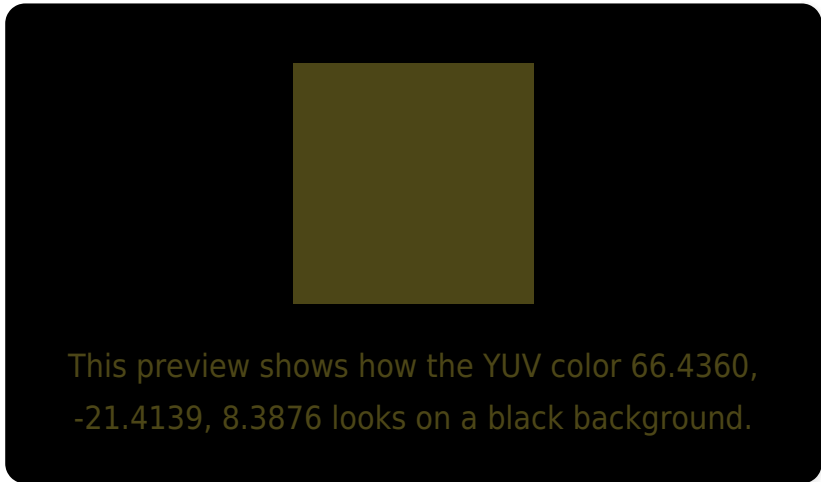
Large Text (above 18pt) WCAG AA ✓ Pass

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

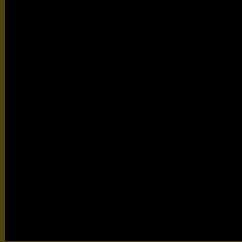
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4360, -21.4139, 8.3876

Background



This preview shows how black text looks on a background with the YUV color 66.4360, -21.4139, 8.3876.



This preview shows how white text looks on a background with the YUV color 66.4360, -21.4139,

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

66.4360, -21.4139, 8.3876

Protanopia

66.4470, -21.4194, 10.1320

Deuteranopia

67.4910, -21.4411, 17.1094



Tritanopia

70.1690, 0.4097, 8.6218

Trichromacy



Original Color

66.4360, -21.4139, 8.3876

Protanomaly

66.1480, -21.2720, 9.5172

Deuteranomaly

66.8820, -21.1408, 14.1355

Tritanomaly

69.1060, -7.4473, 8.6770

Monochromacy



Original Color

66.4360, -21.4139, 8.3876

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9590, -7.8678, 3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4360, -21.4139, 8.3876 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(76, 70, 23)` looks like.

```
.text, #text, p{  
    color:rgb(76, 70, 23)  
}
```

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(76, 70, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 70, 23) }
```

Border

The CSS property to change the border of an element to YUV 66.4360, -21.4139, 8.3876 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(76, 70, 23) }
```


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

```
.border{ border-color:rgb(76, 70, 23) }
```

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

Here you see how a box with a 4 pixel rgb(76, 70, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 70, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 70, 23);  
box-shadow:4px 4px 4px 4px rgb(76, 70, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4360, -21.4139, 8.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 70, 23) }
```

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

```
.background{ background-color: rgb(76, 70,  
23) }
```

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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