

Converting Colors

YUV(61.4350, -6.6235, -22.3065)

Have a look what the booklet for
YUV(61.4350, -6.6235, -22.3065)
contains.

YUV(61.4350, -6.6235, -22.3065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(61.4350, -6.6235,
-22.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	244D30
RGB	36, 77, 48
RGB Percent	14%, 30%, 19%
CMY	0.8588, 0.6980, 0.8118
CMYK	0.53, 0.00, 0.38, 0.70
HSL	138°, 36%, 22%
HSV	138°, 53%, 30%
XYZ	3.9149, 5.8962, 3.7281
YIQ	61.4350, -15.1270, -17.7110

Conversions

Conversions Part 2

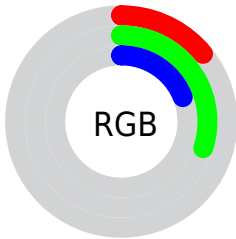
Format	Color
RYB	36, 68, 77
Decimal	2379056
CIELab	29.15, -21.93, 12.90
CIELCh	29, 25.445, 149.538
Yxy	5.8962, 0.2892, 0.4355
Android (android.graphics.Color)	4280569136 (0xFF244D30)
YUV	61.4350, -6.6235, -22.3065
Hunter-Lab	24.2821, -13.7148, 7.8947

Details

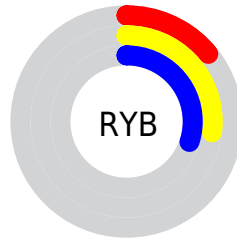
The YUV color **61.4350, -6.6235, -22.3065** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51.5650, 6.6235, 22.3065**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.7940, -7.7864, -22.6213**, and **19.4850, -9.1131, -17.0883** is the 20% darker color. If you saturate the color by 10%, you get **58.4730, -7.6282, -26.7248**, and if you desaturate by 10%, it is **64.3970, -5.6187, -17.8882**.

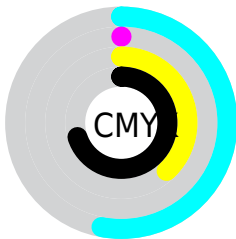
Distribution



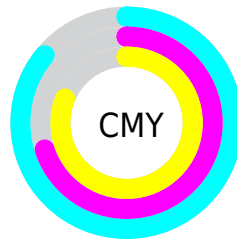
- Red (14%)
- Green (30%)
- Blue (19%)



- Red (14%)
- Yellow (27%)
- Blue (30%)



- Cyan (53%)
- Magenta (0%)
- Yellow (38%)
- Black (70%)



- Cyan (86%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.4350, -6.6235, -22.3065 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 61.4350, -6.6235, -22.3065 by changing the saturation by 10% instead.

■ 61.4350, -6.6235,
-22.3065

■ 61.4350, -6.6235,
-22.3065

255.0000, 0.0000,
0.0000

■ 38.0650, -5.4550,
-23.7360

■ 109.7940, -7.7864,
-22.6213

■ 19.4850, -9.1131,
-17.0883

■ 135.3810, -8.0758,
-23.1361

■ 0.0000, 0.0000,
0.0000

■ 161.9680, -8.3652,
-23.6509

■ 189.1420, -8.9440,
-24.6805

■ 217.1420, -8.9440,
-24.6805

■ 240.4460, -6.6289,

-20.5621

252.3090, 1.3267,
-5.5330

61.4350, -6.6235,
-22.3065

61.4350, -6.6235,
-22.3065

58.4730, -7.6282,
-26.7248

64.3970, -5.6187,
-17.8882

55.6960, -9.2171,
-30.4284

67.1740, -4.0298,
-14.1846

52.7340, -10.2219,
-34.8467

70.1360, -3.0250,
-9.7663

49.6580, -11.6634,
-39.1651

73.2120, -1.5835,
-5.4479

47.8210, -12.2368,
-41.9390

76.1740, -0.5788,
-1.0296

■ 78.9510, 1.0102,
2.6740

■ 81.9130, 2.0149,
7.0923

■ 84.9890, 3.4564,
11.4106

■ 87.6520, 4.6086,
15.2142

Harmonies

Analogous

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



64.8520, -15.7030, -3.3782



61.4350, -6.6235, -22.3065



54.1250, 6.8404, -47.4676

Triad

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



61.4350, -6.6235, -22.3065



64.1550, 21.6156, -26.4459



68.7930, -9.2649, 31.7535

Complementary

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



61.4350, -6.6235, -22.3065



51.5650, 6.6235, 22.3065

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.



69.6000, 0.1972, 30.1688



61.4350, -6.6235, -22.3065



70.2400, 16.1507, -0.2105

Square

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



61.4350, -6.6235, -22.3065



56.2400, 22.5597, -49.3225



70.8250, 8.9603, 19.4475



67.9140, -16.2266, 24.6314

Rectangle

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



61.4350, -6.6235, -22.3065



55.6070, 12.5187, -48.7673



70.8250, 8.9603, 19.4475



69.3030, -6.0654, 32.1833

Sweetspot

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



61.4350, -6.6235, -22.3065



93.2610, -2.5937, -8.1219



68.7380, -16.1398, -3.2782



47.2120, -1.5835, -5.4479



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.



61.4350, -6.6235, -22.3065



75.0330, -10.3693, -34.2319



63.7150, 2.1125, -24.3061



36.5760, -0.2840, -2.2592



63.2940, -16.4139, -55.5088



142.6480, -37.2945, -125.1023

Inverse Universe

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



51.5650, 6.6235, 22.3065



59.9670, 10.3693, 34.2319



49.2850, -2.1125, 24.3061



35.5380, 0.7208, 2.1592



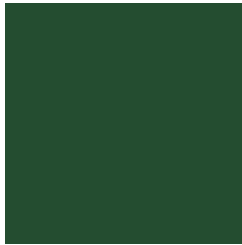
38.7060, 16.4139, 55.5088



87.2380, 36.8577, 125.2023

Previews

White Background



This preview shows how the YUV color 61.4350, -6.6235, -22.3065 looks on a white background.

Color Contrast Check

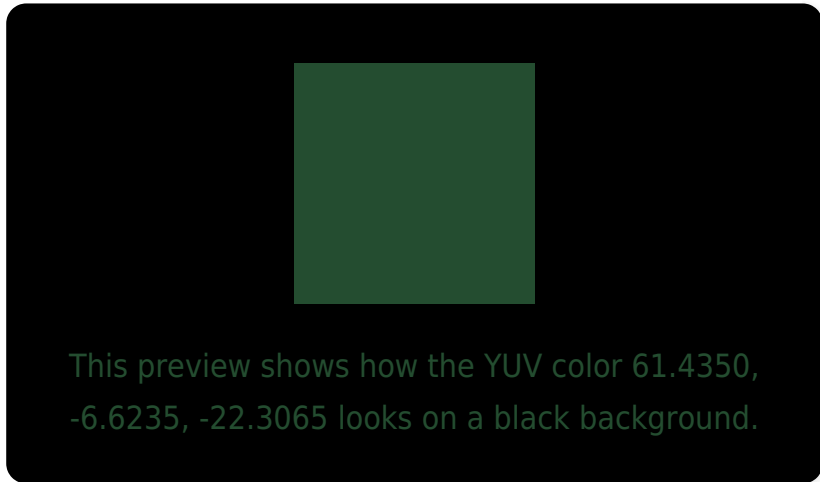
Large Text (above 18pt) WCAG AA ✓ Pass

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

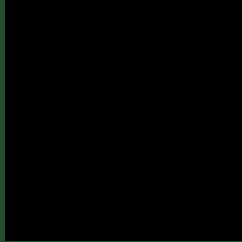
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.4350, -6.6235, -22.3065

Background



This preview shows how black text looks on a background with the YUV color 61.4350, -6.6235, -22.3065.



This preview shows how white text looks on a background with the YUV color 61.4350, -6.6235, -22.3065.

-22.3065.

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

61.4350, -6.6235, -22.3065

Protanopia

67.1720, -10.9308, 5.9882

Deuteranopia

68.7750, -8.7631, 10.7213



Tritanopia

65.0130, 6.8956, -18.4284

Trichromacy



Original Color

61.4350, -6.6235, -22.3065

Protanomaly

64.8610, -9.2985, -4.2631

Deuteranomaly

66.2250, -7.9989, -1.0743

Tritanomaly

63.4490, 2.2436, -19.6878

Monochromacy



Original Color

61.4350, -6.6235, -22.3065

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2610, -2.5937, -8.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4350, -6.6235, -22.3065 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(36, 77, 48)` looks like.

```
.text, #text, p{  
    color:rgb(36, 77, 48)  
}
```

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(36, 77, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 77, 48) }
```

Border

The CSS property to change the border of an element to YUV 61.4350, -6.6235, -22.3065 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(36, 77, 48) }
```


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

```
.border{ border-color:rgb(36, 77, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 77, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 77, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 77, 48);  
box-shadow:4px 4px 4px 4px rgb(36, 77, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.4350, -6.6235, -22.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 77, 48) }
```

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

```
.background{ background-color: rgb(36, 77,  
48) }
```

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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