

Converting Colors

YUV(46.2350, -6.5249, -7.2221)

Have a look what the booklet for
YUV(46.2350, -6.5249, -7.2221)
contains.

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Color

**YUV(46.2350, -6.5249,
-7.2221)**

Conversions

Conversions Part 1

Format	Color
Hex	263521
RGB	38, 53, 33
RGB Percent	15%, 21%, 13%
CMY	0.8510, 0.7922, 0.8706
CMYK	0.28, 0.00, 0.38, 0.79
HSL	105°, 23%, 17%
HSV	105°, 38%, 21%
XYZ	2.3469, 3.0681, 1.9073
YIQ	46.2350, -2.5200, -9.4000

Conversions

Conversions Part 2

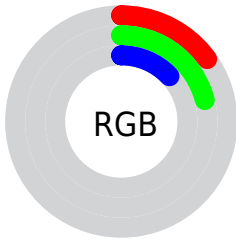
Format	Color
R_YB	33, 53, 48
Decimal	2503969
CIE _{Lab}	20.31, -10.93, 10.67
CIE _{LCh}	20, 15.273, 135.690
Yxy	3.0681, 0.3205, 0.4190
Android (android.graphics.Color)	4280694049 (0xFF263521)
YUV	46.2350, -6.5249, -7.2221
Hunter-Lab	17.5159, -6.7358, 5.8050

Details

The YUV color **46.2350, -6.5249, -7.2221** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.7650, 6.5249, 7.2221**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.2950, -7.5404, -8.1517**, and **1.1740, -0.5788, -1.0296** is the 20% darker color. If you saturate the color by 10%, you get **44.4690, -8.1192, -9.1813**, and if you desaturate by 10%, it is **48.0010, -4.9305, -5.2629**.

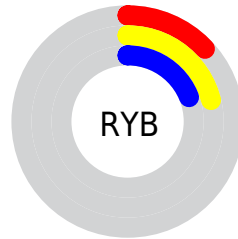
Distribution



Red (15%)

Green (21%)

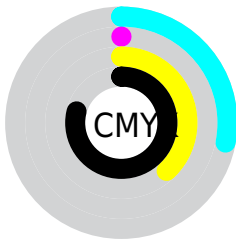
Blue (13%)



Red (13%)

Yellow (21%)

Blue (19%)

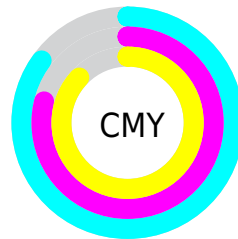


Cyan (28%)

Magenta (0%)

Yellow (38%)

Black (79%)



Cyan (85%)

Magenta (79%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2350, -6.5249, -7.2221 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 46.2350, -6.5249, -7.2221 by changing the saturation by 10% instead.

■ 46.2350, -6.5249,
-7.2221

■ 46.2350, -6.5249,
-7.2221

■ 255.0000, 0.0000,
0.0000

■ 25.4200, -7.1091,
-6.5073

■ 92.2950, -7.5404,
-8.1517

■ 1.1740, -0.5788,
-1.0296

■ 117.1810, -7.9772,
-8.0517

■ 0.0000, 0.0000,
0.0000

■ 142.1810, -7.9772,
-8.0517

■ 168.7680, -8.2666,
-8.5665

■ 196.3550, -8.5560,
-9.0813

■ 224.3550, -8.5560,

-9.0813

■ 249.1320, -6.9671,
-5.3778

■ 46.2350, -6.5249,
-7.2221

■ 46.2350, -6.5249,
-7.2221

■ 44.4690, -8.1192,
-9.1813

■ 48.0010, -4.9305,
-5.2629

■ 42.5890, -10.1504,
-11.0406

■ 49.8810, -2.8993,
-3.4036

■ 40.8230, -11.7447,
-12.9998

■ 51.6470, -1.3050,
-1.4444

■ 39.0570, -13.3391,
-14.9590

■ 53.4130, 0.2894,
0.5148

■ 37.2910, -14.9335,
-16.9182

■ 55.2930, 2.3206,
2.3740

■ 35.4110, -16.9646,
-18.7774

■ 57.0590, 3.9149,
4.3333

■ 34.9980, -17.2540,
-19.2922

■ 58.8250, 5.5093,
6.2925

■ 60.5910, 7.1036,
8.2517

■ 62.4710, 9.1348,
10.1109

Harmonies

Analogous

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



47.6770, -10.1938, 2.9143



46.2350, -6.5249, -7.2221



44.3630, -0.6720, -17.8584

Triad

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



46.2350, -6.5249, -7.2221



45.6800, 11.9898, -19.0134



49.6110, -3.2592, 18.7582

Complementary

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



46.2350, -6.5249, -7.2221



39.7650, 6.5249, 7.2221

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.



50.3700, 2.2826, 14.5845



46.2350, -6.5249, -7.2221



49.0130, 10.3466, -5.2734

Square

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



46.2350, -6.5249, -7.2221



41.5000, 11.5855, -29.3795



50.5800, 7.1091, 6.5073



49.3350, -8.0532, 16.3692

Rectangle

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



46.2350, -6.5249, -7.2221



42.2850, 4.2965, -24.8059



50.5800, 7.1091, 6.5073



50.0670, -1.5120, 18.3582

Sweetspot

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



46.2350, -6.5249, -7.2221



66.2940, -2.6099, -2.8888



47.7850, -7.2890, 4.5736



34.2340, -1.5944, -1.9592



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



46.2350, -6.5249, -7.2221



58.5890, -10.1504, -11.0406



45.3100, -3.6038, -10.7959



25.0600, -1.0156, -0.9296



58.8210, -28.9988, -32.2920



143.5250, -70.7578, -78.5134

Inverse Universe

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



39.7650, 6.5249, 7.2221



48.4110, 10.1504, 11.0406



40.6900, 3.6038, 10.7959



23.9400, 1.0156, 0.9296



30.1790, 28.9988, 32.2920



73.4750, 70.7578, 78.5134

Previews

White Background



This preview shows how the YUV color 46.2350, -6.5249, -7.2221 looks on a white background.

Color Contrast Check

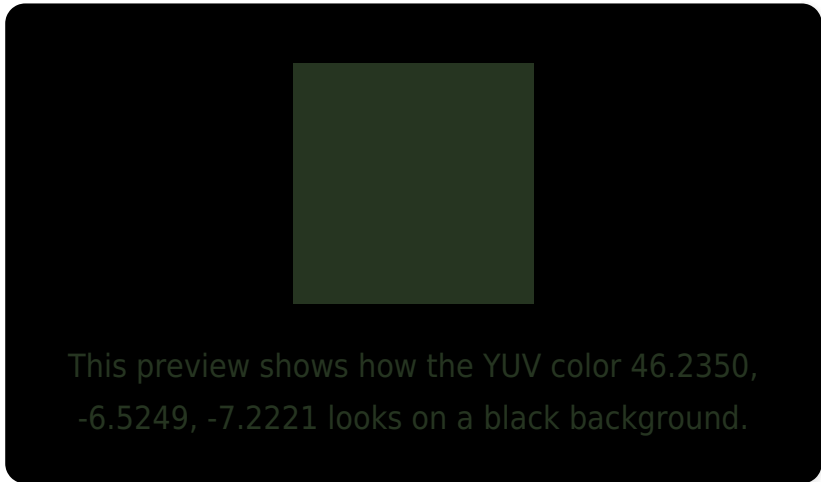
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2350, -6.5249, -7.2221

Background



This preview shows how black text looks on a background with the YUV color 46.2350, -6.5249, -7.2221.



This preview shows how white text looks on a background with the YUV color 46.2350, -6.5249, -7.2221.

-7.2221.

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

46.2350, -6.5249, -7.2221

Protanopia

48.1440, -8.4520, 4.2587

Deuteranopia

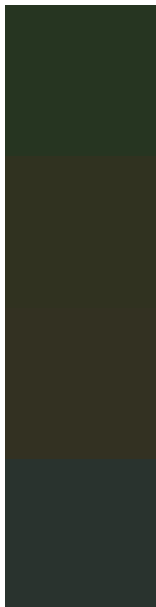
48.8070, -7.2999, 8.0623



Tritanopia

48.0640, 2.9264, -5.3181

Trichromacy



Original Color

46.2350, -6.5249, -7.2221

Protanomaly

47.3500, -7.5676, 0.5700

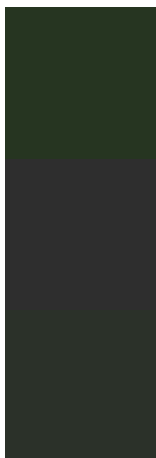
Deuteranomaly

47.8880, -6.8468, 2.7292

Tritanomaly

47.4400, -0.7099, -5.6479

Monochromacy



Original Color

46.2350, -6.5249, -7.2221

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2940, -2.6099, -2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2350, -6.5249, -7.2221 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(38, 53, 33)` looks like.

```
.text, #text, p{  
    color:rgb(38, 53, 33)  
}
```

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(38, 53, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 53, 33) }
```

Border

The CSS property to change the border of an element to YUV 46.2350, -6.5249, -7.2221 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(38, 53, 33) }
```


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

```
.border{ border-color:rgb(38, 53, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 53, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 53, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 53, 33);  
box-shadow:4px 4px 4px 4px rgb(38, 53, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2350, -6.5249, -7.2221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 53, 33) }
```

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

```
.background{ background-color: rgb(38, 53,  
33) }
```

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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