

Converting Colors

YUV(50.6310, -3.7621, -6.6924)

Have a look what the booklet for
YUV(50.6310, -3.7621, -6.6924)
contains.

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Color

**YUV(50.6310, -3.7621,
-6.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	2B382B
RGB	43, 56, 43
RGB Percent	17%, 22%, 17%
CMY	0.8314, 0.7804, 0.8314
CMYK	0.23, 0.00, 0.23, 0.78
HSL	120°, 13%, 19%
HSV	120°, 23%, 22%
XYZ	2.8465, 3.5164, 2.8142
YIQ	50.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

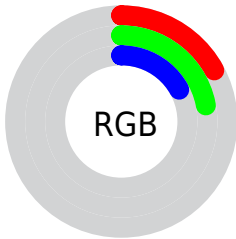
Format	Color
R_{YB}	43, 56, 56
Decimal	2832427
CIE Lab	22.00, -8.54, 6.39
CIE LCh	22, 10.663, 143.179
Yxy	3.5164, 0.3102, 0.3832
Android (android.graphics.Color)	4281022507 (0xFF2B382B)
YUV	50.6310, -3.7621, -6.6924
Hunter-Lab	18.7519, -5.7202, 4.2284

Details

The YUV color **50.6310, -3.7621, -6.6924** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.3690, 3.7621, 6.6924**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.1040, -4.4883, -7.1072**, and **7.6310, -3.7621, -6.6924** is the 20% darker color. If you saturate the color by 10%, you get **48.1530, -5.4984, -9.7812**, and if you desaturate by 10%, it is **53.1090, -2.0257, -3.6036**.

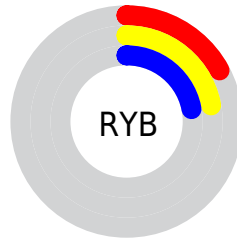
Distribution



Red (17%)

Green (22%)

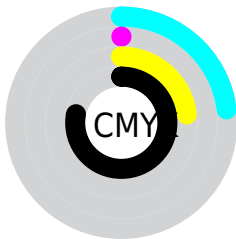
Blue (17%)



Red (17%)

Yellow (22%)

Blue (22%)

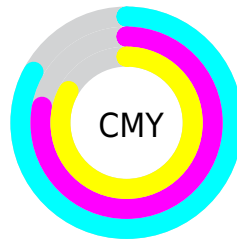


Cyan (23%)

Magenta (0%)

Yellow (23%)

Black (78%)



Cyan (83%)

Magenta (78%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.6310, -3.7621, -6.6924 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 50.6310, -3.7621, -6.6924 by changing the saturation by 10% instead.

■ 50.6310, -3.7621,
-6.6924

■ 50.6310, -3.7621,
-6.6924

255.0000, 0.0000,
0.0000

■ 29.7450, -3.3253,
-6.7924

■ 97.1040, -4.4883,
-7.1072

■ 7.6310, -3.7621,
-6.6924

■ 121.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 147.6910, -4.7777,
-7.6220

■ 174.3920, -4.6303,
-8.2368

■ 201.3920, -4.6303,
-8.2368

■ 229.9790, -4.9196,

-8.7516

252.4080, -2.1731,
-2.9888

50.6310, -3.7621,
-6.6924

50.6310, -3.7621,
-6.6924

48.1530, -5.4984,
-9.7812

53.1090, -2.0257,
-3.6036

46.0880, -6.9454,
-12.3552

55.1740, -0.5788,
-1.0296

43.6100, -8.6817,
-15.4440

57.6520, 1.1576,
2.0592

41.5450, -10.1287,
-18.0180

59.7170, 2.6045,
4.6332

39.0670, -11.8650,
-21.1068

62.1950, 4.3409,
7.7220

■ 36.5890, -13.6014,
-24.1956

■ 64.6730, 6.0772,
10.8108

■ 34.5240, -15.0483,
-26.7695

■ 66.7380, 7.5242,
13.3848

■ 32.8720, -16.2059,
-28.8287

■ 69.2160, 9.2605,
16.4736

■ 71.2810, 10.7075,
19.0476

Harmonies

Analogous

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



51.5780, -6.6940, 0.3701



50.6310, -3.7621, -6.6924



49.7380, 0.6222, -12.9252

Triad

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



50.6310, -3.7621, -6.6924



51.7090, 8.0315, -9.3918



53.5780, -3.2430, 13.5251

Complementary

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



50.6310, -3.7621, -6.6924



48.3690, 3.7621, 6.6924

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.



53.8920, 0.5462, 11.4957



50.6310, -3.7621, -6.6924



53.1230, 6.8414, -0.9849

Square

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



50.6310, -3.7621, -6.6924



49.8500, 7.4690, -15.6544



54.0700, 3.9095, 6.0776



53.0570, -6.4371, 11.3510

Rectangle

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



50.6310, -3.7621, -6.6924



49.1120, 3.3958, -15.8842



54.0700, 3.9095, 6.0776



53.8060, -2.3694, 13.3251

Sweetspot

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



50.6310, -3.7621, -6.6924



71.9350, -1.4470, -2.5740



54.5180, -5.6784, 1.2997



36.7610, -0.8682, -1.5444



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



50.6310, -3.7621, -6.6924



65.3270, -6.0772, -10.8108



51.3150, -1.1413, -7.2923



26.7610, -0.8682, -1.5444



54.0040, -26.6240, -47.3615



128.5530, -63.3766, -112.7410

Inverse Universe

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



48.3690, 3.7621, 6.6924



61.6730, 6.0772, 10.8108



47.5710, 0.7045, 7.3922



26.2390, 0.8682, 1.5444



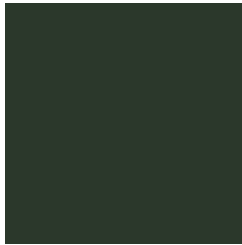
37.9960, 26.6240, 47.3615



90.4470, 63.3766, 112.7410

Previews

White Background



This preview shows how the YUV color 50.6310, -3.7621, -6.6924 looks on a white background.

Color Contrast Check

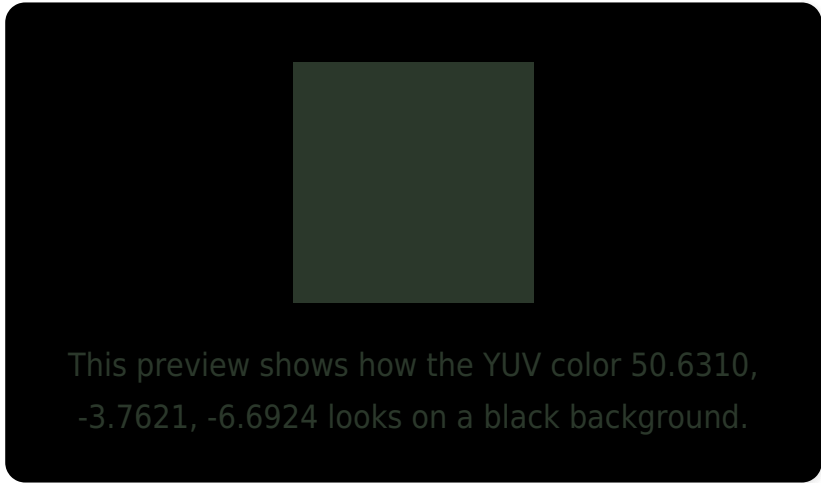
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6310, -3.7621, -6.6924

Background



This preview shows how black text looks on a background with the YUV color 50.6310, -3.7621, -6.6924.



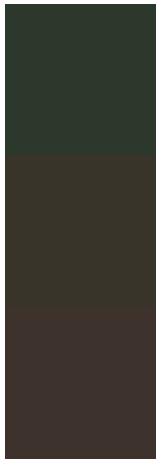
This preview shows how white text looks on a background with the YUV color 50.6310, -3.7621, -6.6924.

-6.6924.

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

50.6310, -3.7621, -6.6924

Protanopia

51.9420, -5.3944, 3.5589

Deuteranopia

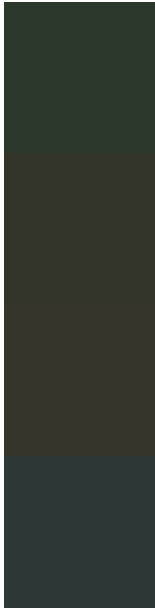
53.1920, -4.5317, 6.8476



Tritanopia

52.0640, 2.9264, -5.3181

Trichromacy



Original Color

50.6310, -3.7621, -6.6924

Protanomaly

51.1480, -4.5100, -0.1298

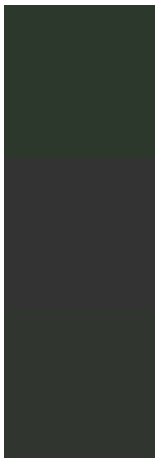
Deuteranomaly

52.2730, -4.0786, 1.5146

Tritanomaly

51.7820, 0.6005, -5.9478

Monochromacy



Original Color

50.6310, -3.7621, -6.6924

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.6310, -3.7621, -6.6924 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(43, 56, 43)` looks like.

```
.text, #text, p{  
    color:rgb(43, 56, 43)  
}
```

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(43, 56, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 56, 43) }
```

Border

The CSS property to change the border of an element to YUV 50.6310, -3.7621, -6.6924 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(43, 56, 43) }
```


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

```
.border{ border-color:rgb(43, 56, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 56, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 56, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 56, 43);  
box-shadow:4px 4px 4px 4px rgb(43, 56, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.6310, -3.7621, -6.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 56, 43) }
```

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

```
.background{ background-color: rgb(43, 56,  
43) }
```

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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