

Converting Colors

YUV(52.6230, -11.6461, 2.0846)

Have a look what the booklet for
YUV(52.6230, -11.6461, 2.0846)
contains.

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Color

**YUV(52.6230, -11.6461,
2.0846)**

Conversions

Conversions Part 1	
Format	Color
Hex	37381D
RGB	55, 56, 29
RGB Percent	22%, 22%, 11%
CMY	0.7843, 0.7804, 0.8863
CMYK	0.02, 0.00, 0.48, 0.78
HSL	62°, 32%, 17%
HSV	62°, 48%, 22%
XYZ	3.2115, 3.7293, 1.7130
YIQ	52.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

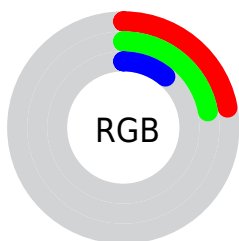
Format	Color
RYB	29, 56, 30
Decimal	3618845
CIELab	22.76, -5.41, 16.71
CIELCh	23, 17.559, 107.930
Yxy	3.7293, 0.3711, 0.4309
Android (android.graphics.Color)	4281808925 (0xFF37381D)
YUV	52.6230, -11.6461, 2.0846
Hunter-Lab	19.3113, -4.1102, 8.2588

Details

The YUV color **52.6230, -11.6461, 2.0846** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **32.3770, 11.6461, -2.0846**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.5800, -13.1039, 2.9993**, and **7.9300, -3.9095, -6.0776** is the 20% darker color. If you saturate the color by 10%, you get **51.9390, -14.2669, 2.6845**, and if you desaturate by 10%, it is **53.3070, -9.0254, 1.4848**.

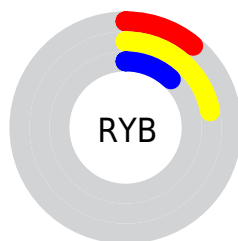
Distribution



Red (22%)

Green (22%)

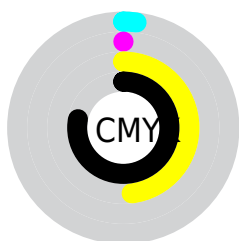
Blue (11%)



Red (11%)

Yellow (22%)

Blue (12%)

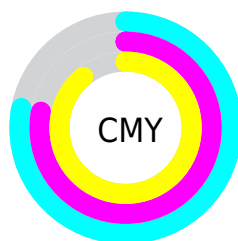


Cyan (2%)

Magenta (0%)

Yellow (48%)

Black (78%)



Cyan (78%)

Magenta (78%)


Yellow (89%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 52.6230, -11.6461, 2.0846 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 52.6230, -11.6461, 2.0846 by changing the saturation by 10% instead.


 52.6230, -11.6461,
2.0846

 52.6230, -11.6461,
2.0846

255.0000, 0.0000,
0.0000


 31.2810, -12.9565,
2.3846


 99.5800, -13.1039,
2.9993


 7.9300, -3.9095,
-6.0776

 124.4660,
-13.5407, 3.0993

 0.0000, 0.0000,
0.0000


 150.3520,
-13.9775, 3.1993


 177.2380,
-14.4143, 3.2993


 204.5370,
-14.5617, 3.9141


 232.4230,


-14.9985, 4.0140


 252.1500,
-10.9200, 2.4994


 52.6230, -11.6461,
2.0846


 52.6230, -11.6461,
2.0846


 51.9390, -14.2669,
2.6845


 53.3070, -9.0254,
1.4848


 51.3690, -16.4509,
3.1844


 53.8770, -6.8414,
0.9849


 50.3860, -18.9243,
3.1695

 54.8600, -4.3680,
0.9998

 49.8160, -21.1083,
3.6694

 55.4300, -2.1840,
0.4999

 49.1320, -23.7291,
4.2692

 56.1140, 0.4368,
-0.1000

■ 49.0180, -24.1659,
4.3692

■ 56.7980, 3.0576,
-0.6998

■ 57.3680, 5.2416,
-1.1997

■ 58.3510, 7.7150,
-1.1848

■ 58.9210, 9.8989,
-1.6847

Harmonies

Analogous

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



54.1620, -12.4049, 12.1359



52.6230, -11.6461, 2.0846



50.6970, -7.2456, -9.3813

Triad

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



52.6230, -11.6461, 2.0846



43.8410, 14.3754, -37.5716



55.9790, 1.9824, 17.5584

Complementary

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



52.6230, -11.6461, 2.0846



32.3770, 11.6461, -2.0846

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.



55.8190, 7.9772, 8.0517



52.6230, -11.6461, 2.0846



50.0540, 14.7634, -21.9724

Square

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



52.6230, -11.6461, 2.0846



43.7720, 8.9864, -35.7570



54.4690, 12.0938, -5.6733



55.1060, -3.9963, 21.8320

Rectangle

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



52.6230, -11.6461, 2.0846



49.4940, -2.7085, -17.9732



54.4690, 12.0938, -5.6733



56.4240, 3.7350, 15.4142

Sweetspot

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



52.6230, -11.6461, 2.0846



72.8600, -4.3680, 0.9998



37.6600, -4.2694, 16.0842



37.3160, -2.6208, 0.5999



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.



52.6230, -11.6461, 2.0846



68.5000, -18.4875, 3.0695



48.7360, -9.7298, -5.9075



27.6580, -1.3104, 0.2999



80.3160, -39.5958, 6.7389



191.6420, -94.4795, 16.9770

Inverse Universe

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



32.3770, 11.6461, -2.0846



36.5000, 18.4875, -3.0695



36.2640, 9.7298, 5.9075



25.3420, 1.3104, -0.2999



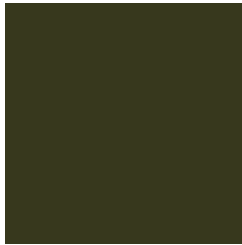
11.3850, 39.7432, -7.3536



27.3580, 94.4795, -16.9770

Previews

White Background



This preview shows how the YUV color 52.6230, -11.6461, 2.0846 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



This preview shows how the YUV color 52.6230, -11.6461, 2.0846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

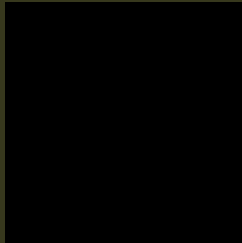
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

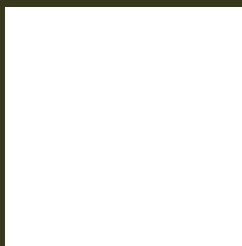
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.6230, -11.6461, 2.0846

Background



This preview shows how black text looks on a background with the YUV color 52.6230, -11.6461, 2.0846.

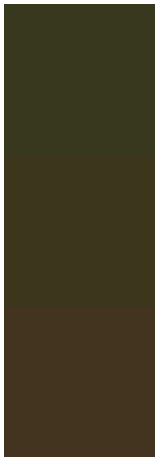


This preview shows how white text looks on a background with the YUV color 52.6230, -11.6461,

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

52.6230, -11.6461, 2.0846

Protanopia

52.8300, -12.2412, 6.2881

Deuteranopia

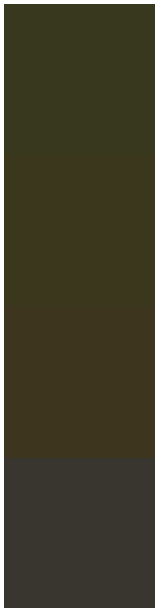
53.6780, -11.6733, 10.8064



Tritanopia

54.9510, 1.0102, 2.6740

Trichromacy



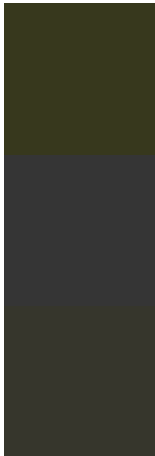
Original Color
52.6230, -11.6461, 2.0846

Protanomaly
52.8190, -12.2358, 4.5437

Deuteranomaly
53.0690, -11.3730, 7.8325

Tritanomaly
54.0990, -3.4998, 2.5442

Monochromacy



Original Color
52.6230, -11.6461, 2.0846

Achromatopsia
53.0000, 0.0000, 0.0000

Achromatomaly
52.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6230, -11.6461, 2.0846 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(55, 56, 29)` looks like.

```
.text, #text, p{  
    color:rgb(55, 56, 29)  
}
```

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(55, 56, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 56, 29) }
```

Border

The CSS property to change the border of an element to YUV 52.6230, -11.6461, 2.0846 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(55, 56, 29) }
```


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

```
.border{ border-color:rgb(55, 56, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 56, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 56, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 56, 29);  
box-shadow:4px 4px 4px 4px rgb(55, 56, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.6230, -11.6461, 2.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 56, 29) }
```

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

```
.background{ background-color: rgb(55, 56,  
29) }
```

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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