

Converting Colors

YUV(56.5060, -20.9555, 1.3102)

Have a look what the booklet for
YUV(56.5060, -20.9555, 1.3102)
contains.

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Color

**YUV(56.5060, -20.9555,
1.3102)**

Conversions

Conversions Part 1

Format	Color
Hex	3A400E
RGB	58, 64, 14
RGB Percent	23%, 25%, 5%
CMY	0.7725, 0.7490, 0.9451
CMYK	0.09, 0.00, 0.78, 0.75
HSL	67°, 64%, 15%
HSV	67°, 78%, 25%
XYZ	3.6576, 4.5980, 1.1102
YIQ	56.5060, 12.4740, -16.8220

Conversions

Conversions Part 2

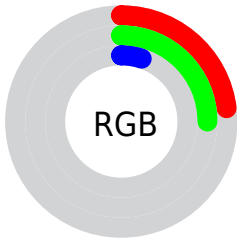
Format	Color
RYB	14, 64, 20
Decimal	3817486
CIELab	25.56, -10.32, 28.28
CIELCh	26, 30.106, 110.048
Yxy	4.5980, 0.3905, 0.4909
Android (android.graphics.Color)	4282007566 (0xFF3A400E)
YUV	56.5060, -20.9555, 1.3102
Hunter-Lab	21.4430, -7.0782, 11.9404

Details

The YUV color **56.5060, -20.9555, 1.3102** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21.4940, 20.9555, -1.3102**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.4630, -22.4133, 2.2249**, and **14.6970, -7.2456, -9.3813** is the 20% darker color. If you saturate the color by 10%, you get **55.5230, -23.4288, 1.2953**, and if you desaturate by 10%, it is **57.4890, -18.4821, 1.3251**.

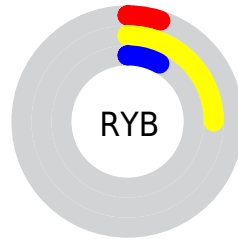
Distribution



Red (23%)

Green (25%)

Blue (5%)



Red (5%)

Yellow (25%)

Blue (8%)

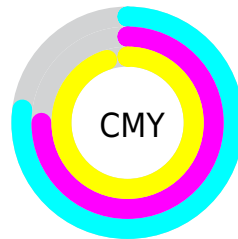


Cyan (9%)

Magenta (0%)

Yellow (78%)

Black (75%)



Cyan (77%)

Magenta (75%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5060, -20.9555, 1.3102 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 56.5060, -20.9555, 1.3102 by changing the saturation by 10% instead.

■ 56.5060, -20.9555,
1.3102

■ 56.5060, -20.9555,
1.3102

■ 253.7460, -4.8048,
1.0998

■ 35.4180, -17.4611,
0.5104

■ 104.4630,
-22.4133, 2.2249

■ 14.6970, -7.2456,
-9.3813

■ 129.6480,
-22.9975, 2.9397

■ 0.0000, 0.0000,
0.0000

■ 155.5340,
-23.4343, 3.0397


■ 182.7190,
-24.0185, 3.7544


■ 210.4910,
-24.8921, 3.9544


■ 238.9640,


-25.6183, 3.5396


 250.4400,
-17.4719, 3.9991


 56.5060, -20.9555,
1.3102


 56.5060, -20.9555,
1.3102


 55.5230, -23.4288,
1.2953


 57.4890, -18.4821,
1.3251


 54.4260, -26.3390,
1.3804

 58.5860, -15.5719,
1.2401

 54.3120, -26.7758,
1.4804

 59.2700, -12.9511,
0.6402

 60.3670, -10.0409,
0.5551

 61.3500, -7.5675,
0.5701

■ 62.3330, -5.0942,
0.5850

■ 63.1310, -2.0366,
-0.1149

■ 64.1140, 0.4368,
-0.1000

■ 65.2110, 3.3470,
-0.1850

Harmonies

Analogous

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



58.5620, -22.4621, 17.9241



56.5060, -20.9555, 1.3102



52.8930, -11.2862, -20.0772

Triad

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



56.5060, -20.9555, 1.3102



51.9200, 21.2384, -45.5338



61.2350, 3.8281, 32.2429

Complementary

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



56.5060, -20.9555, 1.3102



21.4940, 20.9555, -1.3102

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.



62.6550, 13.4811, 16.0886



56.5060, -20.9555, 1.3102



50.1250, 27.0534, -43.9596

Square

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



56.5060, -20.9555, 1.3102



50.8140, 11.9237, -44.5639



60.2540, 21.5668, -10.7468



59.8090, -6.8078, 37.0015

Rectangle

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



56.5060, -20.9555, 1.3102



46.6930, -1.3276, -40.9498



60.2540, 21.5668, -10.7468



61.5380, 7.6228, 28.4692

Sweetspot

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



56.5060, -20.9555, 1.3102



81.2360, -8.0043, 0.6700



32.4720, -9.1067, 27.6501



41.3330, -5.0942, 0.5850



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



56.5060, -20.9555, 1.3102



72.3030, -33.1804, 2.3653



49.0310, -17.2703, -14.0592



32.6580, -1.3104, 0.2999



82.3540, -40.6005, 2.3205



190.3910, -93.8628, 5.7961

Inverse Universe

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



21.4940, 20.9555, -1.3102



16.9960, 33.0330, -1.7505



28.9690, 17.2703, 14.0592



30.3420, 1.3104, -0.2999



14.6460, 40.6005, -2.3205



33.6090, 93.8628, -5.7961

Previews

White Background



This preview shows how the YUV color 56.5060, -20.9555, 1.3102 looks on a white background.

Color Contrast Check

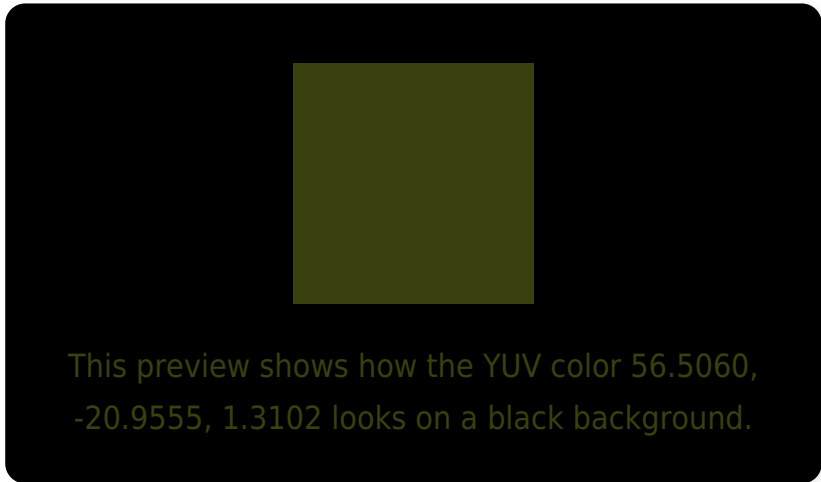
Large Text (above 18pt) WCAG AA ✓ Pass

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

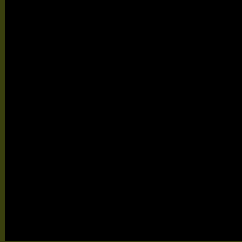
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5060, -20.9555, 1.3102

Background



This preview shows how black text looks on a background with the YUV color 56.5060, -20.9555, 1.3102.



This preview shows how white text looks on a background with the YUV color 56.5060, -20.9555,

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

56.5060, -20.9555, 1.3102

Protanopia

57.6210, -21.9982, 9.1024

Deuteranopia

58.7080, -20.5620, 15.1651



Tritanopia

61.3530, 1.3050, 1.4444

Trichromacy



Original Color

56.5060, -20.9555, 1.3102

Protanomaly

57.0120, -21.6979, 6.1285

Deuteranomaly

57.6750, -20.5458, 9.9320

Tritanomaly

59.2900, -6.5520, 1.4997

Monochromacy



Original Color

56.5060, -20.9555, 1.3102

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9370, -7.8569, 0.0553

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5060, -20.9555, 1.3102 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(58, 64, 14)` looks like.

```
.text, #text, p{  
    color:rgb(58, 64, 14)  
}
```

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(58, 64, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 64, 14) }
```

Border

The CSS property to change the border of an element to YUV 56.5060, -20.9555, 1.3102 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(58, 64, 14) }
```


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

```
.border{ border-color:rgb(58, 64, 14) }
```

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

Here you see how a box with a 4 pixel rgb(58, 64, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 64, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 64, 14);  
box-shadow:4px 4px 4px 4px rgb(58, 64, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5060, -20.9555, 1.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 64, 14) }
```

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

```
.background{ background-color: rgb(58, 64,  
14) }
```

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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