

Converting Colors

YUV(120.2900, -56.8380,
30.4407)

Have a look what the booklet for
YUV(120.2900, -56.8380, 30.4407)
contains.

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Color

**YUV(120.2900, -56.8380,
30.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7D05
RGB	155, 125, 5
RGB Percent	61%, 49%, 2%
CMY	0.3922, 0.5098, 0.9804
CMYK	0.00, 0.19, 0.97, 0.39
HSL	48°, 94%, 31%
HSV	48°, 97%, 61%
XYZ	20.8786, 21.6468, 3.2214
YIQ	120.2900, 56.4000, -30.9600

Conversions

Conversions Part 2

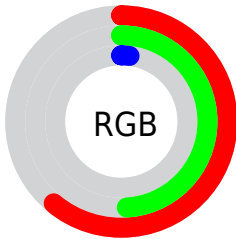
Format	Color
R _Y B	43, 155, 5
Decimal	10190085
CIE Lab	53.65, 1.47, 58.23
CIE LCh	54, 58.248, 88.553
Yxy	21.6468, 0.4564, 0.4732
Android (android.graphics.Color)	4288380165 (0xFF9B7D05)
YUV	120.2900, -56.8380, 30.4407
Hunter-Lab	46.5261, -1.3187, 28.4631

Details

The YUV color **120.2900, -56.8380, 30.4407** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **39.7100, 56.8380, -30.4407**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4520, -52.4808, 32.9296**, and **74.8000, -36.8764, 21.2234** is the 20% darker color. If you saturate the color by 10%, you get **119.1330, -58.7326, 31.4554**, and if you desaturate by 10%, it is **123.8750, -50.7174, 27.2966**.

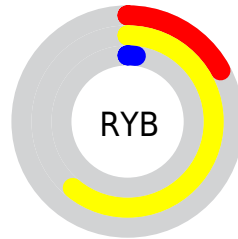
Distribution



Red (61%)

Green (49%)

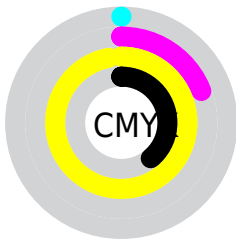
Blue (2%)



Red (17%)

Yellow (61%)

Blue (2%)

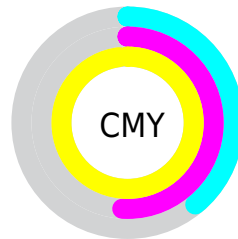


Cyan (0%)

Magenta (19%)

Yellow (97%)

Black (39%)



Cyan (39%)

Magenta (51%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2900, -56.8380, 30.4407 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 120.2900, -56.8380, 30.4407 by changing the saturation by 10% instead.

■ 120.2900,
-56.8380, 30.4407

■ 120.2900,
-56.8380, 30.4407

■ 255.0000, 0.0000,
0.0000

■ 96.6730, -47.6598,
26.5968

■ 175.4520,
-52.4808, 32.9296

■ 74.8000, -36.8764,
21.2234

■ 203.8220,
-53.6492, 34.3591

■ 53.2260, -26.2404,
16.4648

■ 226.9240,
-51.7275, 24.6227

■ 33.1250, -16.3306,
11.2914

■ 242.9160,
-46.3006, 10.5977

■ 13.3230, -6.5682,
6.7327

■ 246.1080,
-34.0702, 7.7983

■ 0.0000, 0.0000,
0.0000

■ 249.3000,

-21.8399, 4.9989

■ 252.6060, -9.1728,
2.0995

■ 120.2900,
-56.8380, 30.4407

■ 120.2900,
-56.8380, 30.4407

■ 119.1330,
-58.7326, 31.4554

■ 123.8750,
-50.7174, 27.2966

■ 127.3460,
-45.0336, 24.2526

■ 130.9310,
-38.9130, 21.1085

■ 134.4020,
-33.2292, 18.0644

■ 137.9870,
-27.1086, 14.9204

■ 142.0450,
-21.7142, 11.3615

■ 145.6300,
-15.5936, 8.2175

■ 149.1010, -9.9098,
5.1734

■ 152.6860, -3.7892,
2.0294

Harmonies

Analogous

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



123.9020, -41.3637, 60.5989



120.2900, -56.8380, 30.4407



116.4790, -43.6201, -9.1901

Triad

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



120.2900, -56.8380, 30.4407



108.5870, 32.7416, -95.2308



130.8390, 24.7294, 48.3762

Complementary

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



120.2900, -56.8380, 30.4407



39.7100, 56.8380, -30.4407

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.



129.6070, 43.0847, -5.7943



120.2900, -56.8380, 30.4407



109.9840, 50.7869, -96.4560

Square

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



120.2900, -56.8380, 30.4407



102.7730, 10.4649, -90.1319



105.3510, 60.9590, -92.3928



125.2330, 3.8291, 78.7257

Rectangle

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



120.2900, -56.8380, 30.4407



109.8520, -26.0560, -42.8432



105.3510, 60.9590, -92.3928



132.0480, 31.0353, 32.4069

Sweetspot

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



120.2900, -56.8380, 30.4407



187.9310, -22.1510, 11.4615



53.2700, -9.0071, 89.2172



93.7870, -13.6990, 7.2028



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



120.2900, -56.8380, 30.4407



154.6060, -76.2208, 40.6875



124.4450, -58.8864, -12.6683



74.9140, -2.9156, 1.8294



107.6040, -53.0488, 28.4113



9.7570, -4.8102, 2.8441

Inverse Universe

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



39.7100, 56.8380, -30.4407



46.3940, 76.2208, -40.6875



35.5550, 58.8864, 12.6683



70.4990, 3.2050, -1.3146



32.3960, 53.0488, -28.4113



3.2430, 4.8102, -2.8441

Previews

White Background



This preview shows how the YUV color 120.2900, -56.8380, 30.4407 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 120.2900, -56.8380, 30.4407 looks on a black 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 × Fail

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

YUV 120.2900, -56.8380, 30.4407

Background



This preview shows how black text looks on a background with the YUV color 120.2900, -56.8380, 30.4407.

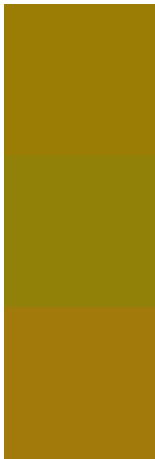


This preview shows how white text looks on a background with the YUV color 120.2900, -56.8380, 30.4407.

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

120.2900, -56.8380, 30.4407

Protanopia

119.9900, -55.2111, 21.9338

Deuteranopia

121.4200, -53.9441, 35.5887



Tritanopia

130.4810, -2.7021, 26.7652

Trichromacy



Original Color

120.2900, -56.8380, 30.4407

Protanomaly

120.4850, -55.9481, 25.0077

Deuteranomaly

120.7680, -55.1016, 33.5295

Tritanomaly

126.6280, -22.4946, 28.3902

Monochromacy



Original Color

120.2900, -56.8380, 30.4407

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2730, -20.8406, 11.1616

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2900, -56.8380, 30.4407 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(155, 125, 5)` looks like.

```
.text, #text, p{  
    color:rgb(155, 125, 5)  
}
```

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(155, 125, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 125, 5) }
```

Border

The CSS property to change the border of an element to YUV 120.2900, -56.8380, 30.4407 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(155, 125, 5) }
```


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

```
.border{ border-color:rgb(155, 125, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 125, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 125, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 125, 5);  
box-shadow:4px 4px 4px 4px rgb(155, 125,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 120.2900, -56.8380, 30.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 125, 5) }
```

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

```
.background{ background-color: rgb(155,  
125, 5) }
```

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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