

Converting Colors

YUV(112.9910, -53.2396,
42.9809)

Have a look what the booklet for
YUV(112.9910, -53.2396, 42.9809)
contains.

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Color

**YUV(112.9910, -53.2396,
42.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	A26D05
RGB	162, 109, 5
RGB Percent	64%, 43%, 2%
CMY	0.3647, 0.5725, 0.9804
CMYK	0.00, 0.33, 0.97, 0.36
HSL	40°, 94%, 33%
HSV	40°, 97%, 64%
XYZ	20.3963, 18.6296, 2.6645
YIQ	112.9910, 64.9720, -21.1080

Conversions

Conversions Part 2

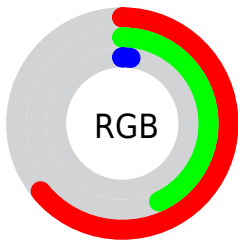
Format	Color
R_{YB}	85, 162, 5
Decimal	10644741
CIE _{Lab}	50.25, 13.78, 56.16
CIE _{LCh}	50, 57.827, 76.212
Yxy	18.6296, 0.4892, 0.4469
Android (android.graphics.Color)	4288834821 (0xFFA26D05)
YUV	112.9910, -53.2396, 42.9809
Hunter-Lab	43.1620, 8.8170, 26.5534

Details

The YUV color **112.9910, -53.2396, 42.9809** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **54.0090, 53.2396, -42.9809**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5230, -50.0508, 46.8993**, and **67.7890, -33.4200, 32.6340** is the 20% darker color. If you saturate the color by 10%, you get **111.2470, -54.8448, 44.5104**, and if you desaturate by 10%, it is **117.7500, -47.6977, 38.8073**.

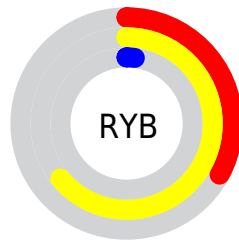
Distribution



Red (64%)

Green (43%)

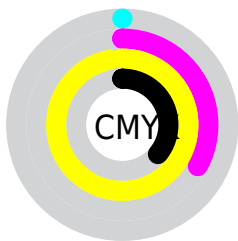
Blue (2%)



Red (33%)

Yellow (64%)

Blue (2%)

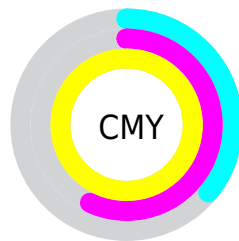


Cyan (0%)

Magenta (33%)

Yellow (97%)

Black (36%)



Cyan (36%)

Magenta (57%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9910, -53.2396, 42.9809 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 112.9910, -53.2396, 42.9809 by changing the saturation by 10% instead.

■ 112.9910,
-53.2396, 42.9809

■ 112.9910,
-53.2396, 42.9809

255.0000, 0.0000,
0.0000

■ 89.6620, -44.2034,
38.0074

■ 167.5230,
-50.0508, 46.8993

■ 67.7890, -33.4200,
32.6340

■ 195.6050,
-51.0773, 49.4584

■ 46.5030, -22.9260,
26.7459

■ 215.9020,
-48.2657, 34.2889

■ 26.4020, -13.0162,
21.5724

■ 235.4160,
-44.5751, 17.1752


■ 8.3720, -4.1274,
17.2138


■ 245.6520,
-35.8174, 8.1982


■ 0.0000, 0.0000,
0.0000


■ 248.8440,


-23.5871, 5.3988


 252.1500,
-10.9200, 2.4994


 112.9910,
-53.2396, 42.9809


 112.9910,
-53.2396, 42.9809

 111.2470,
-54.8448, 44.5104

 117.7500,
-47.6977, 38.8073

 123.0960,
-42.4453, 34.1188

 127.9690,
-36.4667, 29.8452

 133.3150,
-31.2143, 25.1567

 138.0740,
-25.6725, 20.9831

■ 143.4200,
-20.4201, 16.2947

■ 148.1790,
-14.8782, 12.1210

■ 153.6390, -9.1890,
7.3326

■ 158.3980, -3.6472,
3.1590

Harmonies

Analogous

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



115.3620, -32.2235, 68.9655



112.9910, -53.2396, 42.9809



108.6570, -53.5679, 8.1938

Triad

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



112.9910, -53.2396, 42.9809



99.9980, 22.6790, -87.6982



122.9550, 32.0672, 28.1035

Complementary

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



112.9910, -53.2396, 42.9809



54.0090, 53.2396, -42.9809

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.



112.9340, 50.3185, -39.4071



112.9910, -53.2396, 42.9809



103.8400, 42.4769, -91.0677

Square

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



112.9910, -53.2396, 42.9809



93.4830, 0.2549, -81.9846



101.9940, 55.7120, -89.4487



117.8710, 12.8816, 68.5191

Rectangle

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



112.9910, -53.2396, 42.9809



106.0090, -37.4724, -21.0559



101.9940, 55.7120, -89.4487



122.4410, 38.2366, 9.2602

Sweetspot

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



112.9910, -53.2396, 42.9809



192.6050, -21.0043, 17.0094



58.2130, 0.8810, 91.0212



95.1510, -12.3994, 10.3916



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



112.9910, -53.2396, 42.9809



145.5680, -71.7650, 58.2609



136.9260, -65.0395, 0.9419



79.2130, -3.0630, 2.4442



99.7070, -49.1556, 39.7220



12.4260, -6.1260, 4.8884

Inverse Universe

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



54.0090, 53.2396, -42.9809



65.8450, 72.0544, -57.7461



30.0740, 65.0395, -0.9419



75.7870, 3.0630, -2.4442



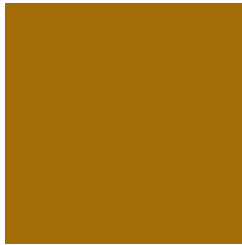
45.2930, 49.1556, -39.7220



5.5740, 6.1260, -4.8884

Previews

White Background



This preview shows how the YUV color 112.9910, -53.2396, 42.9809 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 112.9910, -53.2396, 42.9809 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 112.9910, -53.2396, 42.9809

Background



This preview shows how black text looks on a background with the YUV color 112.9910, -53.2396, 42.9809.



This preview shows how white text looks on a background with the YUV color 112.9910, -53.2396, 42.9809.

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

112.9910, -53.2396, 42.9809

Protanopia

112.1730, -49.3853, 20.0193

Deuteranopia

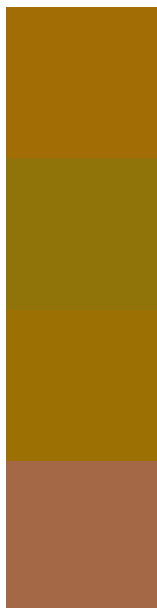
112.3660, -55.3964, 34.7590



Tritanopia

121.6460, -6.2345, 39.7755

Trichromacy



Original Color

112.9910, -53.2396, 42.9809

Protanomaly

112.4730, -51.0122, 28.5262

Deuteranomaly

112.6160, -54.5337, 38.0478

Tritanomaly

118.4770, -23.4062, 40.8007

Monochromacy



Original Color

112.9910, -53.2396, 42.9809

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.3490, -19.3991, 15.4799

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9910, -53.2396, 42.9809 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(162, 109, 5)` looks like.

```
.text, #text, p{  
    color:rgb(162, 109, 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(162, 109, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 109, 5) }
```

Border

The CSS property to change the border of an element to YUV 112.9910, -53.2396, 42.9809 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(162, 109, 5) }
```


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

```
.border{ border-color:rgb(162, 109, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 109, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 109, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 109, 5);  
box-shadow:4px 4px 4px 4px rgb(162, 109,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 112.9910, -53.2396, 42.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 109, 5) }
```

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

```
.background{ background-color: rgb(162,  
109, 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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