

Converting Colors

YUV(112.7300, -13.6709,
44.9638)

Have a look what the booklet for
YUV(112.7300, -13.6709, 44.9638)
contains.

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Color

**YUV(112.7300, -13.6709,
44.9638)**

Conversions

Conversions Part 1

Format	Color
Hex	A45C55
RGB	164, 92, 85
RGB Percent	64%, 36%, 33%
CMY	0.3569, 0.6392, 0.6667
CMYK	0.00, 0.44, 0.48, 0.36
HSL	5°, 32%, 49%
HSV	5°, 48%, 64%
XYZ	20.7767, 16.2027, 10.6267
YIQ	112.7300, 45.1590, 13.0870

Conversions

Conversions Part 2

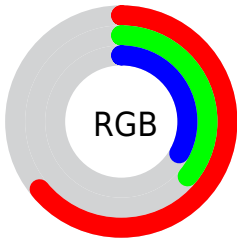
Format	Color
R_{YB}	164, 93, 85
Decimal	10771541
CIE Lab	47.24, 28.61, 16.95
CIE LCh	47, 33.257, 30.643
Yxy	16.2027, 0.4364, 0.3403
Android (android.graphics.Color)	4288961621 (0xFFA45C55)
YUV	112.7300, -13.6709, 44.9638
Hunter-Lab	40.2526, 21.6922, 12.5242

Details

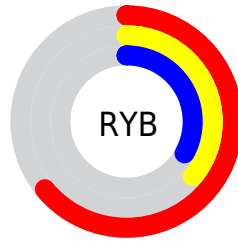
The YUV color **112.7300, -13.6709, 44.9638** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.2700, 13.6709, -44.9638**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7090, -15.1395, 49.3672**, and **62.9790, -11.3286, 40.3604** is the 20% darker color. If you saturate the color by 10%, you get **102.1010, -16.3188, 54.2854**, and if you desaturate by 10%, it is **123.3590, -11.0230, 35.6422**.

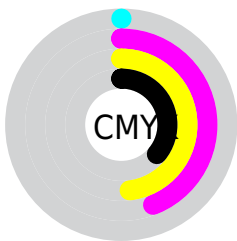
Distribution



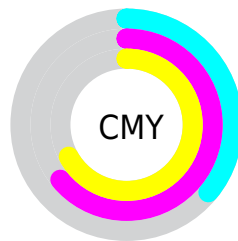
- Red (64%)
- Green (36%)
- Blue (33%)



- Red (64%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (48%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7300, -13.6709, 44.9638 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 112.7300, -13.6709, 44.9638 by changing the saturation by 10% instead.

■ 112.7300,
-13.6709, 44.9638

■ 112.7300,
-13.6709, 44.9638

■ 255.0000, 0.0000,
0.0000

■ 87.6480, -12.6445,
42.4047

■ 165.7090,
-15.1395, 49.3672

■ 62.9790, -11.3286,
40.3604

■ 193.1930,
-15.8711, 50.6967

■ 38.5380, -9.1392,
38.1162

■ 213.9030,
-12.7702, 36.0421

■ 17.0430, -8.4022,
35.0423

■ 233.5310, -8.6428,
18.8283

■ 9.0840, -3.9854,
18.3433

■ 253.7460, -4.8048,
1.0998

■ 0.0000, 0.0000,
0.0000

■ 112.7300,
-13.6709, 44.9638

■ 112.7300,
-13.6709, 44.9638

■ 102.1010,
-16.3188, 54.2854

■ 123.3590,
-11.0230, 35.6422

■ 91.3580, -19.4035,
63.7070

■ 134.1020, -7.9383,
26.2205

■ 80.7290, -22.0514,
73.0287

■ 144.7310, -5.2904,
16.8989

■ 69.9860, -25.1361,
82.4503

■ 155.4740, -2.2057,
7.4773

■ 59.3570, -27.7840,
91.7719

■ 166.1030, 0.4422,
-1.8443

■ 57.8410, -28.5156,
93.1014

■ 176.7320, 3.0901,
-11.1660

■ 187.4750, 6.1748,
-20.5876

■ 198.1040, 8.8227,

-29.9092

■ 208.8470, 11.9074,
-39.3308

Harmonies

Analogous

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



114.1610, -0.5724, 43.7088



112.7300, -13.6709, 44.9638



111.7320, -23.5319, 34.4380

Triad

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



112.7300, -13.6709, 44.9638



101.7990, -8.7749, -32.2727



106.6900, 30.2258, -34.8081

Complementary

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



112.7300, -13.6709, 44.9638



136.2700, 13.6709, -44.9638

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.



89.8540, 34.5820, -78.8020



112.7300, -13.6709, 44.9638



86.7300, 12.4581, -76.0622

Square

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



112.7300, -13.6709, 44.9638



106.8210, -22.0968, -5.9820



89.9220, 24.6885, -78.8616



114.2600, 22.5498, 0.6490

Rectangle

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



112.7300, -13.6709, 44.9638



110.1560, -26.6989, 23.5422



89.9220, 24.6885, -78.8616



102.0580, 32.0164, -49.1629

Sweetspot

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



112.7300, -13.6709, 44.9638



194.7310, -5.2904, 16.8989



116.8290, 19.8043, 41.3690



95.5560, -3.2321, 10.0364



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.



112.7300, -13.6709, 44.9638



133.5330, -21.4618, 70.5696



135.6230, -24.9571, 24.8866



76.2780, -1.6161, 5.0182



50.9860, -25.1361, 82.4503



6.5560, -3.2321, 10.0364

Inverse Universe

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



136.2700, 13.6709, -44.9638



170.4670, 21.4618, -70.5696



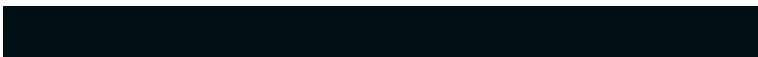
113.3770, 24.9571, -24.8866



78.7220, 1.6161, -5.0182



94.0140, 25.1361, -82.4503



11.4440, 3.2321, -10.0364

Previews

White Background



This preview shows how the YUV color 112.7300, -13.6709, 44.9638 looks on a white background.

Color Contrast Check

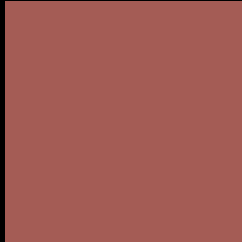
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.7300, -13.6709, 44.9638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

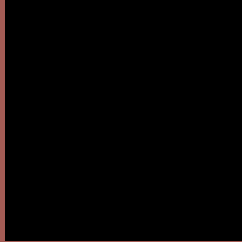
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7300, -13.6709, 44.9638

Background



This preview shows how black text looks on a background with the YUV color 112.7300, -13.6709, 44.9638.



This preview shows how white text looks on a background with the YUV color 112.7300, -13.6709, 44.9638.

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

112.7300, -13.6709, 44.9638

Protanopia

112.0410, -8.8942, 6.1030

Deuteranopia

112.5110, -15.0419, 17.9689



Tritanopia

113.2230, -7.9979, 45.4084

Trichromacy



Original Color

112.7300, -13.6709, 44.9638

Protanomaly

112.3740, -10.5374, 19.8430

Deuteranomaly

112.3920, -14.4903, 27.7202

Tritanomaly

113.3540, -10.0345, 45.2935

Monochromacy



Original Color

112.7300, -13.6709, 44.9638

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8450, -4.8536, 16.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7300, -13.6709, 44.9638 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(164, 92, 85)` looks like.

```
.text, #text, p{  
    color:rgb(164, 92, 85)  
}
```

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(164, 92, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 92, 85) }
```

Border

The CSS property to change the border of an element to YUV 112.7300, -13.6709, 44.9638 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(164, 92, 85) }
```


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

```
.border{ border-color:rgb(164, 92, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 92, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 92, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 92, 85);  
box-shadow:4px 4px 4px 4px rgb(164, 92,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 112.7300, -13.6709, 44.9638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 92, 85) }
```

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

```
.background{ background-color: rgb(164, 92,  
85) }
```

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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