

Converting Colors

YUV(112.3460, 12.1544,
21.6216)

Have a look what the booklet for
YUV(112.3460, 12.1544, 21.6216)
contains.

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Color

**YUV(112.3460, 12.1544,
21.6216)**

Conversions

Conversions Part 1

Format	Color
Hex	895F89
RGB	137, 95, 137
RGB Percent	54%, 37%, 54%
CMY	0.4627, 0.6275, 0.4627
CMYK	0.00, 0.31, 0.00, 0.46
HSL	300°, 18%, 45%
HSV	300°, 31%, 54%
XYZ	18.9241, 15.3089, 25.6244
YIQ	112.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

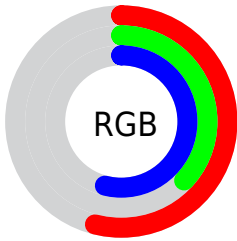
Format	Color
R_{YB}	137, 95, 137
Decimal	9002889
CIE _{Lab}	46.05, 24.49, -16.49
CIE _{LCh}	46, 29.522, 326.045
Yxy	15.3089, 0.3162, 0.2558
Android (android.graphics.Color)	4287192969 (0xFF895F89)
YUV	112.3460, 12.1544, 21.6216
Hunter-Lab	39.1266, 17.8622, -11.4410

Details

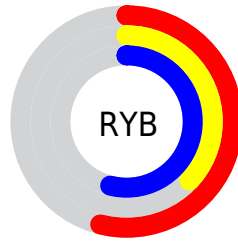
The YUV color **112.3460, 12.1544, 21.6216** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119.6540, -12.1544, -21.6216**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4710, 12.5858, 23.2659**, and **63.8080, 11.4337, 19.4624** is the 20% darker color. If you saturate the color by 10%, you get **104.1280, 16.2059, 28.8287**, and if you desaturate by 10%, it is **120.5640, 8.1029, 14.4144**.

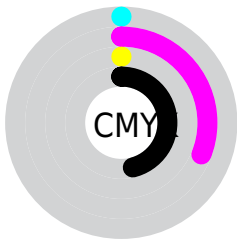
Distribution



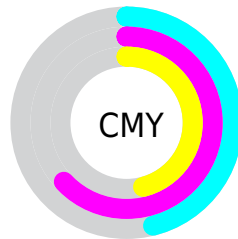
- Red (54%)
- Green (37%)
- Blue (54%)



- Red (54%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)



- Cyan (46%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3460, 12.1544, 21.6216 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 112.3460, 12.1544, 21.6216 by changing the saturation by 10% instead.

■ 112.3460, 12.1544,
21.6216

■ 112.3460, 12.1544,
21.6216

■ 255.0000, 0.0000,
0.0000

■ 87.6340, 12.0124,
20.4920

■ 164.4710, 12.5858,
23.2659

■ 63.8080, 11.4337,
19.4624

■ 191.8840, 12.8752,
23.7807

■ 40.5090, 11.5811,
18.8476

■ 219.7100, 13.4540,
24.8103

■ 18.5090, 11.5811,
18.8476

■ 239.7380, 7.5242,
13.3848

■ 4.7860, 7.9935,
2.8187

■ 0.0000, 0.0000,
0.0000

■ 112.3460, 12.1544,
21.6216

■ 112.3460, 12.1544,
21.6216

■ 104.1280, 16.2059,
28.8287

■ 120.5640, 8.1029,
14.4144

■ 96.4970, 19.9680,
35.5211

■ 128.1950, 4.3409,
7.7220

■ 88.2790, 24.0195,
42.7283

■ 136.4130, 0.2894,
0.5148

■ 80.0610, 28.0709,
49.9355

■ 144.6310, -3.7621,
-6.6924

■ 72.4300, 31.8330,
56.6279

■ 152.8490, -7.8136,
-13.8996

■ 64.2120, 35.8845,
63.8351


■ 160.4800,
-11.5756, -20.5920

■ 56.5810, 39.6466,
70.5275

■ 168.6980,
-15.6271, -27.7991

■ 176.9160,

-19.6786, -35.0063

 184.5470,
-23.4407, -41.6987

Harmonies

Analogous

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



110.4830, 20.9609, -3.0546



112.3460, 12.1544, 21.6216



111.7580, 0.6123, 37.0462

Triad

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



112.3460, 12.1544, 21.6216



107.2200, -23.7725, 18.2241



86.4340, 21.4780, -75.8026

Complementary

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



112.3460, 12.1544, 21.6216



119.6540, -12.1544, -21.6216

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.



94.6470, 5.1040, -50.5564



112.3460, 12.1544, 21.6216



105.0110, -20.2184, -1.7636

Square

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



112.3460, 12.1544, 21.6216



109.3450, -19.8901, 33.0234



101.2130, -9.9650, -23.8658



86.8390, 30.6454, -76.1578

Rectangle

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



112.3460, 12.1544, 21.6216



110.8310, -6.8187, 40.4902



101.2130, -9.9650, -23.8658



85.5220, 17.9837, -75.0028

Sweetspot

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



112.3460, 12.1544, 21.6216



169.0210, 4.9196, 8.7516



99.7880, 18.3455, -4.1991



83.1300, 2.8939, 5.1480



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.3460, 12.1544, 21.6216



139.6710, 19.3892, 34.4915



109.9520, 2.9817, 23.7211



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Inverse Universe

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



112.3460, 12.1544, 21.6216



139.6710, 19.3892, 34.4915



122.0480, -2.9817, -23.7211



64.8910, 2.0257, 3.6036



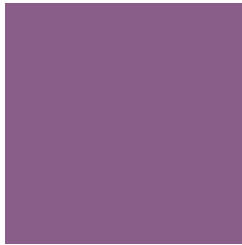
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 112.3460, 12.1544, 21.6216 looks on a white background.

Color Contrast Check

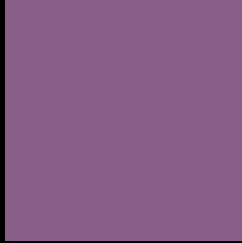
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3460, 12.1544, 21.6216 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 112.3460, 12.1544, 21.6216 Background



This preview shows how black text looks on a background with the YUV color 112.3460, 12.1544, 21.6216.



This preview shows how white text looks on a background with the YUV color 112.3460, 12.1544,

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

112.3460, 12.1544, 21.6216

Protanopia

109.6410, 17.9250, -9.3322

Deuteranopia

110.1920, 12.2303, -2.7994



Tritanopia

111.3660, -1.6594, 18.9730

Trichromacy



Original Color

112.3460, 12.1544, 21.6216

Protanomaly

110.5500, 15.9979, 2.1487

Deuteranomaly

111.2470, 12.2032, 5.9224

Tritanomaly

111.7450, 3.5767, 19.5176

Monochromacy



Original Color

112.3460, 12.1544, 21.6216

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1950, 4.3409, 7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3460, 12.1544, 21.6216 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(137, 95, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 95, 137)  
}
```

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(137, 95, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 95, 137) }
```

Border

The CSS property to change the border of an element to YUV 112.3460, 12.1544, 21.6216 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(137, 95, 137) }
```


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

```
.border{ border-color:rgb(137, 95, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 95, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 95, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 95, 137); box-shadow:4px 4px 4px 4px rgb(137, 95, 137) }
```

Background

The CSS property to change the background color of an element to YUV 112.3460, 12.1544, 21.6216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 95, 137) }
```

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

```
.background{ background-color: rgb(137, 95,  
137) }
```

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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