

Converting Colors

YUV(112.2580, 15.6488,
20.8217)

Have a look what the booklet for
YUV(112.2580, 15.6488, 20.8217)
contains.

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Color

**YUV(112.2580, 15.6488,
20.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	885E90
RGB	136, 94, 144
RGB Percent	53%, 37%, 56%
CMY	0.4667, 0.6314, 0.4353
CMYK	0.06, 0.35, 0.00, 0.44
HSL	290°, 21%, 47%
HSV	290°, 35%, 56%
XYZ	19.1901, 15.2533, 28.3183
YIQ	112.2580, 8.9820, 24.4540

Conversions

Conversions Part 2

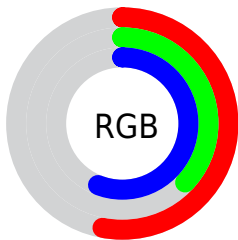
Format	Color
R_{YB}	136, 94, 144
Decimal	8937104
CIE _{Lab}	45.98, 26.17, -20.80
CIE _{LCh}	46, 33.434, 321.523
Yxy	15.2533, 0.3058, 0.2430
Android (android.graphics.Color)	4287127184 (0xFF885E90)
YUV	112.2580, 15.6488, 20.8217
Hunter-Lab	39.0554, 19.3599, -15.6512

Details

The YUV color **112.2580, 15.6488, 20.8217** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.7420, -15.6488, -20.8217**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4970, 16.5170, 22.3661**, and **63.6060, 14.4912, 18.7625** is the 20% darker color. If you saturate the color by 10%, you get **103.4420, 19.9951, 26.7994**, and if you desaturate by 10%, it is **121.0740, 11.3025, 14.8441**.

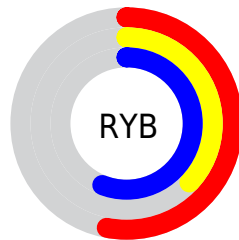
Distribution



Red (53%)

Green (37%)

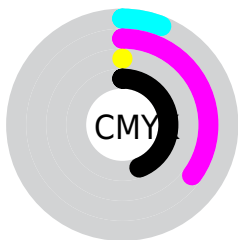
Blue (56%)



Red (53%)

Yellow (37%)

Blue (56%)

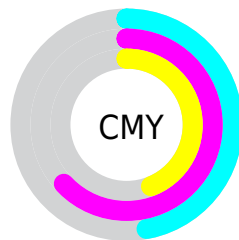


Cyan (6%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2580, 15.6488, 20.8217 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 112.2580, 15.6488, 20.8217 by changing the saturation by 10% instead.

■ 112.2580, 15.6488,
20.8217

■ 112.2580, 15.6488,
20.8217

■ 255.0000, 0.0000,
0.0000

■ 87.4320, 15.0700,
19.7921

■ 164.4970, 16.5170,
22.3661

■ 63.6060, 14.4912,
18.7625

■ 191.9100, 16.8064,
22.8809

■ 40.3070, 14.6386,
18.1478

■ 219.7360, 17.3852,
23.9105

■ 17.8940, 14.3493,
17.6330

■ 239.1510, 7.8136,
13.8996

■ 5.0570, 10.3249,
1.7040

■ 0.0000, 0.0000,
0.0000

■ 112.2580, 15.6488,
20.8217

■ 112.2580, 15.6488,
20.8217

■ 103.4420, 19.9951,
26.7994

■ 121.0740, 11.3025,
14.8441

■ 93.7400, 24.7782,
32.6770

■ 130.7760, 6.5194,
8.9664

■ 84.9240, 29.1245,
38.6547

■ 139.5920, 2.1731,
2.9888

■ 75.5210, 33.7601,
45.1471

■ 148.9950, -2.4625,
-3.5036

■ 66.4060, 38.2538,
50.5099

■ 158.1100, -6.9562,
-8.8665

■ 57.5900, 42.6001,
56.4876


■ 166.9260,
-11.3025, -14.8441

■ 52.5950, 45.0627,
59.9912

■ 176.3290,
-15.9382, -21.3365

■ 185.1450,

-20.2845, -27.3142

 194.8470,
-25.0676, -33.1918

Harmonies

Analogous

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



109.5900, 25.3451, -9.2874



112.2580, 15.6488, 20.8217



111.4640, 3.2222, 39.9351

Triad

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



112.2580, 15.6488, 20.8217



107.4440, -26.8409, 22.4126



86.7930, 20.3151, -76.1175

Complementary

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



112.2580, 15.6488, 20.8217



125.7420, -15.6488, -20.8217

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.



91.0760, 4.3995, -57.9487



112.2580, 15.6488, 20.8217



104.2950, -24.3024, 1.4953

Square

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



112.2580, 15.6488, 20.8217



109.0360, -21.2167, 38.5564



100.5890, -13.6014, -24.1956



87.7680, 31.6664, -76.9725

Rectangle

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



112.2580, 15.6488, 20.8217



110.2060, -5.5246, 45.4233



100.5890, -13.6014, -24.1956



85.7670, 16.3839, -75.2177

Sweetspot

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



112.2580, 15.6488, 20.8217



174.5370, 5.6513, 7.4221



104.3960, 19.5248, -9.1173



87.2440, 3.3307, 5.0480



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.2580, 15.6488, 20.8217



136.6260, 24.3414, 32.7770



112.7120, 7.0440, 27.4396



66.5920, 2.1731, 2.9888



49.4760, 42.1633, 56.5875



2.7060, 2.6099, 2.8888

Inverse Universe

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



109.8620, -3.8760, 29.9390



132.6900, -6.2562, 46.7529



125.2880, -7.0440, -27.4396



66.2070, -0.5951, 4.2035



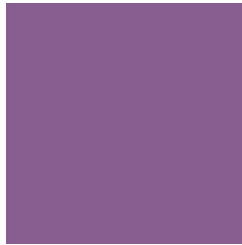
42.8730, -10.2904, 80.7954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 112.2580, 15.6488, 20.8217 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 112.2580, 15.6488, 20.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

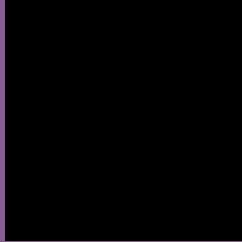
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.2580, 15.6488, 20.8217

Background



This preview shows how black text looks on a background with the YUV color 112.2580, 15.6488, 20.8217.



This preview shows how white text looks on a background with the YUV color 112.2580, 15.6488,

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

112.2580, 15.6488, 20.8217

Protanopia

109.3570, 22.0090, -12.5911

Deuteranopia

109.6800, 15.4408, -5.8584



Tritanopia

110.8820, -0.9278, 17.6435

Trichromacy



Original Color

112.2580, 15.6488, 20.8217

Protanomaly

110.4510, 19.4977, -0.3955

Deuteranomaly

110.4470, 15.5556, 3.9930

Tritanomaly

111.2010, 5.3239, 19.1177

Monochromacy



Original Color

112.2580, 15.6488, 20.8217

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9500, 5.9407, 7.9369

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2580, 15.6488, 20.8217 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(136, 94, 144)` looks like.

```
.text, #text, p{  
    color:rgb(136, 94, 144)  
}
```

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(136, 94, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 94, 144) }
```

Border

The CSS property to change the border of an element to YUV 112.2580, 15.6488, 20.8217 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(136, 94, 144) }
```


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

```
.border{ border-color:rgb(136, 94, 144) }
```

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

Here you see how a box with a 4 pixel rgb(136, 94, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 94, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 94, 144);  
box-shadow:4px 4px 4px 4px rgb(136, 94,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 112.2580, 15.6488, 20.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 94, 144) }
```

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

```
.background{ background-color: rgb(136, 94,  
144) }
```

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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