

Converting Colors

YUV(117.7580, 17.3743,
27.3992)

Have a look what the booklet for
YUV(117.7580, 17.3743, 27.3992)
contains.

YUV(117.7580, 17.3743, 27.3992)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.7580, 17.3743,
27.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	955F99
RGB	149, 95, 153
RGB Percent	58%, 37%, 60%
CMY	0.4157, 0.6275, 0.4000
CMYK	0.03, 0.38, 0.00, 0.40
HSL	296°, 23%, 49%
HSV	296°, 38%, 60%
XYZ	22.2364, 16.8739, 32.2220
YIQ	117.7580, 13.5660, 29.4860

Conversions

Conversions Part 2

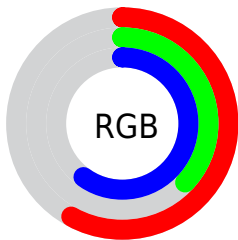
Format	Color
R_{YB}	149, 95, 153
Decimal	9789337
CIE _{Lab}	48.10, 31.79, -22.76
CIE _{LCh}	48, 39.101, 324.403
Yxy	16.8739, 0.3117, 0.2366
Android (android.graphics.Color)	4287979417 (0xFF955F99)
YUV	117.7580, 17.3743, 27.3992
Hunter-Lab	41.0778, 24.7401, -17.7534

Details

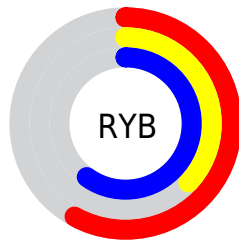
The YUV color **117.7580, 17.3743, 27.3992** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.2420, -17.3743, -27.3992**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9970, 18.2425, 28.9436**, and **68.2200, 16.6535, 25.2401** is the 20% darker color. If you saturate the color by 10%, you get **108.6540, 21.8626, 34.5064**, and if you desaturate by 10%, it is **126.8620, 12.8860, 20.2920**.

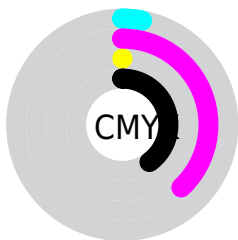
Distribution



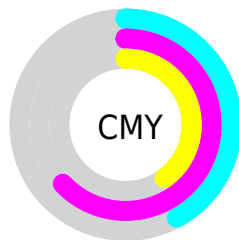
- Red (58%)
- Green (37%)
- Blue (60%)



- Red (58%)
- Yellow (37%)
- Blue (60%)



- Cyan (3%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7580, 17.3743, 27.3992 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 117.7580, 17.3743, 27.3992 by changing the saturation by 10% instead.

■ 117.7580, 17.3743,
27.3992

■ 117.7580, 17.3743,
27.3992

■ 255.0000, 0.0000,
0.0000

■ 92.3450, 17.0849,
26.8844

■ 170.9970, 18.2425,
28.9436

■ 68.2200, 16.6535,
25.2401

■ 198.7090, 18.3845,
30.0732

■ 43.9210, 16.8009,
24.6253

■ 223.3020, 15.6271,
27.7991

■ 20.5080, 16.5116,
24.1105

■ 239.7380, 7.5242,
13.3848

■ 12.1340, 10.2869,
13.9145

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 117.7580, 17.3743,
27.3992

■ 117.7580, 17.3743,
27.3992

■ 108.6540, 21.8626,
34.5064

■ 126.8620, 12.8860,
20.2920

■ 98.9630, 26.6402,
42.1284

■ 136.5530, 8.1084,
12.6700

■ 89.8590, 31.1285,
49.2357

■ 145.6570, 3.6201,
5.5628

■ 80.7550, 35.6168,
56.3429

■ 154.7610, -0.8682,
-1.5444

■ 71.0640, 40.3944,
63.9649

■ 163.8650, -5.3564,
-8.6516

■ 61.9600, 44.8827,
71.0721

■ 173.5560,
-10.1341, -16.2736

■ 59.9000, 45.8983,
72.0017

■ 182.6600,
-14.6224, -23.3808

■ 191.7640,
-19.1107, -30.4880

■ 201.4550,
-23.8883, -38.1100

Harmonies

Analogous

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



114.9260, 29.1235, -7.8281



117.7580, 17.3743, 27.3992



116.4050, 2.7583, 48.7568

Triad

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



117.7580, 17.3743, 27.3992



111.3750, -32.2299, 24.2271



92.8570, 23.2415, -81.4356

Complementary

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



117.7580, 17.3743, 27.3992



130.2420, -17.3743, -27.3992

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.



88.5080, 9.1166, -77.6215



117.7580, 17.3743, 27.3992



108.2470, -28.2228, -1.0936

Square

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



117.7580, 17.3743, 27.3992



113.2170, -25.7430, 43.6597



102.7190, -14.1585, -32.2026



93.5870, 36.1926, -82.0758

Rectangle

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



117.7580, 17.3743, 27.3992



114.3920, -7.5883, 54.0302



102.7190, -14.1585, -32.2026



91.7170, 18.8735, -80.4358

Sweetspot

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



117.7580, 17.3743, 27.3992



185.4880, 6.6614, 10.0960



104.5470, 23.8873, -8.3727



91.9560, 3.4727, 6.1776



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



117.7580, 17.3743, 27.3992



144.3760, 26.9296, 42.6432



116.2180, 6.3015, 32.2578



72.0050, 2.4625, 3.5036



55.1290, 41.8414, 66.5389



5.0700, 3.9095, 6.0776

Inverse Universe

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



112.7980, -6.8024, 35.2572



136.7080, -10.2090, 54.6301



131.7820, -6.3015, -32.2578



71.3920, -1.1793, 4.9182



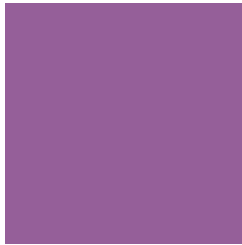
43.0000, -16.2690, 85.0690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 117.7580, 17.3743, 27.3992 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 117.7580, 17.3743, 27.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

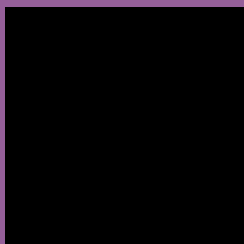
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.7580, 17.3743, 27.3992

Background



This preview shows how black text looks on a background with the YUV color 117.7580, 17.3743, 27.3992.



This preview shows how white text looks on a background with the YUV color 117.7580, 17.3743,

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

117.7580, 17.3743, 27.3992

Protanopia

114.3720, 25.9456, -15.2352

Deuteranopia

115.4240, 17.0460, -7.3878



Tritanopia

116.5730, -2.2545, 23.1765

Trichromacy



Original Color

117.7580, 17.3743, 27.3992

Protanomaly

115.3740, 22.9866, 0.5490

Deuteranomaly

115.9140, 17.2974, 5.3374

Tritanomaly

117.1200, 4.8708, 24.4508

Monochromacy



Original Color

117.7580, 17.3743, 27.3992

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7580, 17.3743, 27.3992 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(149, 95, 153)` looks like.

```
.text, #text, p{  
    color:rgb(149, 95, 153)  
}
```

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(149, 95, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 95, 153) }
```

Border

The CSS property to change the border of an element to YUV 117.7580, 17.3743, 27.3992 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(149, 95, 153) }
```


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

```
.border{ border-color:rgb(149, 95, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 95, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 95, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 95, 153);  
box-shadow:4px 4px 4px 4px rgb(149, 95,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 117.7580, 17.3743, 27.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 95, 153) }
```

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

```
.background{ background-color: rgb(149, 95,  
153) }
```

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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