

Converting Colors

YUV(115.0960, 18.1937,
44.6428)

Have a look what the booklet for
YUV(115.0960, 18.1937, 44.6428)
contains.

YUV(115.0960, 18.1937, 44.6428)	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(115.0960, 18.1937,
44.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	A65298
RGB	166, 82, 152
RGB Percent	65%, 32%, 60%
CMY	0.3490, 0.6784, 0.4039
CMYK	0.00, 0.51, 0.08, 0.35
HSL	310°, 34%, 49%
HSV	310°, 51%, 65%
XYZ	24.4107, 16.4086, 31.5864
YIQ	115.0960, 27.5940, 39.5780

Conversions

Conversions Part 2

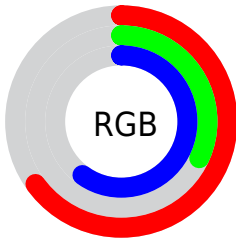
Format	Color
R_{YB}	166, 82, 152
Decimal	10900120
CIE _{Lab}	47.51, 44.09, -22.90
CIE _{LCh}	48, 49.683, 332.549
Yxy	16.4086, 0.3371, 0.2266
Android (android.graphics.Color)	4289090200 (0xFFA65298)
YUV	115.0960, 18.1937, 44.6428
Hunter-Lab	40.5075, 36.6797, -17.8770

Details

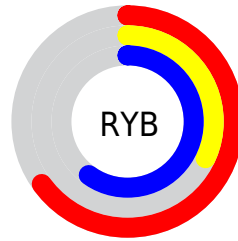
The YUV color **115.0960, 18.1937, 44.6428** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.9040, -18.1937, -44.6428**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8190, 18.3302, 47.5167**, and **62.6120, 18.9253, 43.3133** is the 20% darker color. If you saturate the color by 10%, you get **104.7750, 21.8029, 53.6943**, and if you desaturate by 10%, it is **125.4170, 14.5844, 35.5913**.

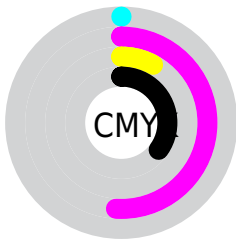
Distribution



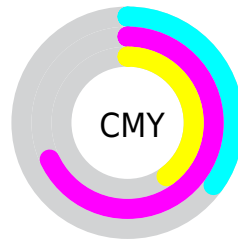
- Red (65%)
- Green (32%)
- Blue (60%)



- Red (65%)
- Yellow (32%)
- Blue (60%)



- Cyan (0%)
- Magenta (51%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (68%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0960, 18.1937, 44.6428 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 115.0960, 18.1937, 44.6428 by changing the saturation by 10% instead.

■ 115.0960, 18.1937,
44.6428

■ 115.0960, 18.1937,
44.6428

255.0000, 0.0000,
0.0000

■ 88.7970, 18.3411,
44.0280

■ 168.8190, 18.3302,
47.5167

■ 62.6120, 18.9253,
43.3133

■ 197.2320, 18.6196,
48.0315

■ 34.4920, 20.9564,
45.1725

■ 216.2580, 19.0998,
33.9767

■ 24.0960, 14.7427,
31.4878

■ 233.2810, 10.7075,
19.0476

■ 15.0100, 8.3761,
20.1622

■ 250.3040, 2.3151,
4.1184

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 115.0960, 18.1937,
44.6428

■ 115.0960, 18.1937,
44.6428

■ 104.7750, 21.8029,
53.6943

■ 125.4170, 14.5844,
35.5913

■ 95.0410, 25.1228,
62.2310

■ 135.1510, 11.2646,
27.0546

■ 84.8340, 29.1688,
71.1826

■ 145.3580, 7.2185,
18.1030

■ 75.1000, 32.4887,
79.7193

■ 155.0920, 3.8986,
9.5663

■ 65.3660, 35.8086,
88.2560

■ 165.4130, 0.2894,
0.5148

■ 175.7340, -3.3199,
-8.5367

■ 185.3540, -7.0765,
-16.9735

■ 195.6750,
-10.6858, -26.0250

■ 205.4090,
-14.0056, -34.5617

Harmonies

Analogous

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



114.9580, 34.0377, 2.6678



115.0960, 18.1937, 44.6428



110.8310, 0.0833, 66.8002

Triad

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



115.0960, 18.1937, 44.6428



106.9650, -43.8597, 21.0787



95.3820, 30.3777, -83.6500

Complementary

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



115.0960, 18.1937, 44.6428



132.9040, -18.1937, -44.6428

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.



91.1810, 11.7428, -79.9657



115.0960, 18.1937, 44.6428



102.6170, -32.8422, -12.8191

Square

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



115.0960, 18.1937, 44.6428



109.4920, -36.2316, 47.8035



86.6110, -7.2032, -69.8188



95.8670, 44.9286, -84.0754

Rectangle

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



115.0960, 18.1937, 44.6428



110.2860, -13.4520, 68.1552



86.6110, -7.2032, -69.8188



94.4870, 24.4099, -82.8651

Sweetspot

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



115.0960, 18.1937, 44.6428



196.9450, 6.9291, 17.5882



95.7620, 34.6273, 0.2087



97.8040, 4.0406, 10.6959



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



115.0960, 18.1937, 44.6428



137.0080, 28.5901, 70.1530



110.3080, -0.1518, 48.8419



79.1900, 1.8783, 4.2184



58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Inverse Universe

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



115.0960, 18.1937, 44.6428



137.0080, 28.5901, 70.1530



137.6920, 0.1518, -48.8419



79.1900, 1.8783, 4.2184



58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 115.0960, 18.1937, 44.6428 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 115.0960, 18.1937, 44.6428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

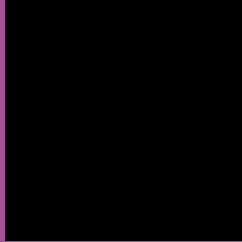
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.0960, 18.1937, 44.6428

Background



This preview shows how black text looks on a background with the YUV color 115.0960, 18.1937, 44.6428.



This preview shows how white text looks on a background with the YUV color 115.0960, 18.1937,

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

115.0960, 18.1937, 44.6428

Protanopia

112.0170, 31.0506, -19.3089

Deuteranopia

113.6090, 16.4618, -6.6731



Tritanopia

114.5320, -6.6713, 39.8754

Trichromacy



Original Color

115.0960, 18.1937, 44.6428

Protanomaly

113.0200, 26.6121, 4.3675

Deuteranomaly

113.9580, 17.2757, 12.3148

Tritanomaly

114.9480, 2.4906, 41.2646

Monochromacy



Original Color

115.0960, 18.1937, 44.6428

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1190, 6.3503, 16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0960, 18.1937, 44.6428 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(166, 82, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 82, 152)  
}
```

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(166, 82, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 82, 152) }
```

Border

The CSS property to change the border of an element to YUV 115.0960, 18.1937, 44.6428 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(166, 82, 152) }
```


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

```
.border{ border-color:rgb(166, 82, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 82, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 82, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 82, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 82,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 115.0960, 18.1937, 44.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 82, 152) }
```

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

```
.background{ background-color: rgb(166, 82,  
152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor