

Converting Colors

YUV(123.3290, 18.0788,
34.7915)

Have a look what the booklet for
YUV(123.3290, 18.0788, 34.7915)
contains.

YUV(123.3290, 18.0788, 34.7915)	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(123.3290, 18.0788,
34.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	A360A0
RGB	163, 96, 160
RGB Percent	64%, 38%, 63%
CMY	0.3608, 0.6235, 0.3725
CMYK	0.00, 0.41, 0.02, 0.36
HSL	303°, 27%, 51%
HSV	303°, 41%, 64%
XYZ	25.6323, 18.6903, 35.5143
YIQ	123.3290, 19.3880, 34.1080

Conversions

Conversions Part 2

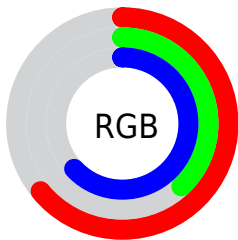
Format	Color
R_{YB}	163, 96, 160
Decimal	10707104
CIE _{Lab}	50.32, 37.16, -23.32
CIE _{LCh}	50, 43.875, 327.889
Yxy	18.6903, 0.3211, 0.2341
Android (android.graphics.Color)	4288897184 (0xFFA360A0)
YUV	123.3290, 18.0788, 34.7915
Hunter-Lab	43.2323, 30.1755, -18.4427

Details

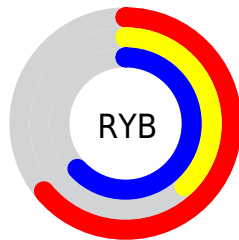
The YUV color **123.3290, 18.0788, 34.7915** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.6710, -18.0788, -34.7915**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8670, 18.7996, 36.9506**, and **72.2040, 17.6474, 33.1471** is the 20% darker color. If you saturate the color by 10%, you get **113.8230, 22.2723, 43.1282**, and if you desaturate by 10%, it is **132.8350, 13.8853, 26.4547**.

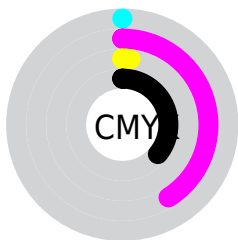
Distribution



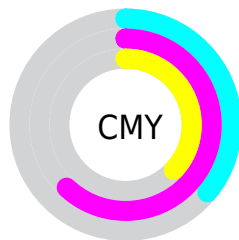
- Red (64%)
- Green (38%)
- Blue (63%)



- Red (64%)
- Yellow (38%)
- Blue (63%)



- Cyan (0%)
- Magenta (41%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3290, 18.0788, 34.7915 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 123.3290, 18.0788, 34.7915 by changing the saturation by 10% instead.

123.3290, 18.0788,
34.7915

123.3290, 18.0788,
34.7915

255.0000, 0.0000,
0.0000

97.6170, 17.9368,
33.6619

176.8670, 18.7996,
36.9506

72.2040, 17.6474,
33.1471

204.5790, 18.9416,
38.0802

47.0190, 18.2316,
32.4323

224.4760, 15.0483,
26.7695

24.4810, 17.5109,
30.2732

241.4990, 6.6560,
11.8404

16.4060, 11.1388,
20.6919

2.2970, 6.2626,
-2.0145

0.0000, 0.0000,

0.0000

■ 123.3290, 18.0788,
34.7915

■ 123.3290, 18.0788,
34.7915

■ 113.8230, 22.2723,
43.1282

■ 132.8350, 13.8853,
26.4547

■ 103.8440, 27.1919,
51.8798

■ 142.8140, 8.9657,
17.7031

■ 94.3380, 31.3854,
60.2166

■ 152.3200, 4.7722,
9.3664

■ 84.8320, 35.5788,
68.5533

■ 161.8260, 0.5788,
1.0296

■ 75.3260, 39.7723,
76.8901

■ 171.3320, -3.6147,
-7.3072

■ 66.5210, 44.1131,
84.6121

■ 181.3110, -8.5343,
-16.0587

■ 190.8170,
-12.7278, -24.3955

■ 200.3230,
-16.9212, -32.7323

■ 210.4160,
-21.4041, -41.5838

Harmonies

Analogous

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



121.3440, 31.8754, -3.8097



123.3290, 18.0788, 34.7915



120.8190, 1.5682, 57.1637

Triad

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



123.3290, 18.0788, 34.7915



116.1100, -37.0292, 23.5825



98.5620, 27.3309, -86.4389

Complementary

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



123.3290, 18.0788, 34.7915



135.6710, -18.0788, -34.7915

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.



94.2300, 10.7326, -82.6397



123.3290, 18.0788, 34.7915



112.5300, -30.8273, -5.7268

Square

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



123.3290, 18.0788, 34.7915



118.0880, -30.1164, 46.4038



105.1800, -13.3997, -42.2539



99.4060, 40.7188, -87.1791

Rectangle

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



123.3290, 18.0788, 34.7915



119.4530, -10.0833, 60.9927



105.1800, -13.3997, -42.2539



97.1940, 22.0894, -85.2391

Sweetspot

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



123.3290, 18.0788, 34.7915



196.6240, 7.0874, 13.4848



104.2360, 28.9707, -5.4690



98.0810, 3.9041, 7.8220



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.



123.3290, 18.0788, 34.7915



150.3820, 27.9127, 54.0390



119.5670, 3.6645, 38.0907



76.6030, 2.1677, 4.7332



59.2010, 39.3409, 75.2457



7.3200, 4.7722, 9.3664

Inverse Universe

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



123.3290, 18.0788, 34.7915



150.3820, 27.9127, 54.0390



139.4330, -3.6645, -38.0907



76.6030, 2.1677, 4.7332



59.2010, 39.3409, 75.2457



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 123.3290, 18.0788, 34.7915 looks on a white background.

Color Contrast Check

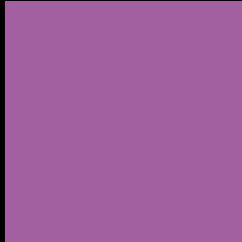
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.3290, 18.0788, 34.7915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

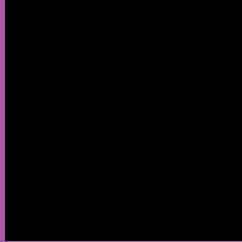
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3290, 18.0788, 34.7915

Background



This preview shows how black text looks on a background with the YUV color 123.3290, 18.0788, 34.7915.



This preview shows how white text looks on a background with the YUV color 123.3290, 18.0788,

34.7915.

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

123.3290, 18.0788, 34.7915

Protanopia

119.3440, 28.4244, -16.9647

Deuteranopia

120.8370, 17.3354, -6.8730



Tritanopia

122.1610, -4.0234, 30.5538

Trichromacy



Original Color

123.3290, 18.0788, 34.7915

Protanomaly

120.8410, 24.7284, 1.8934

Deuteranomaly

121.6370, 17.4340, 8.2114

Tritanomaly

122.3490, 4.2649, 32.1429

Monochromacy



Original Color

123.3290, 18.0788, 34.7915

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0970, 6.3612, 13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3290, 18.0788, 34.7915 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(163, 96, 160)` looks like.

```
.text, #text, p{  
    color:rgb(163, 96, 160)  
}
```

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(163, 96, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 96, 160) }
```

Border

The CSS property to change the border of an element to YUV 123.3290, 18.0788, 34.7915 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(163, 96, 160) }
```


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

```
.border{ border-color:rgb(163, 96, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 96, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 96, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 96, 160); box-shadow:4px 4px 4px 4px rgb(163, 96, 160) }
```

Background

The CSS property to change the background color of an element to YUV 123.3290, 18.0788, 34.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 96, 160) }
```

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

```
.background{ background-color: rgb(163, 96,  
160) }
```

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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