

Converting Colors

YUV(111.8260, 20.7918, 4.5376)

Have a look what the booklet for
YUV(111.8260, 20.7918, 4.5376)
contains.

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Color

**YUV(111.8260, 20.7918,
4.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	75659A
RGB	117, 101, 154
RGB Percent	46%, 40%, 60%
CMY	0.5412, 0.6039, 0.3961
CMYK	0.24, 0.34, 0.00, 0.40
HSL	258°, 21%, 50%
HSV	258°, 34%, 60%
XYZ	17.8225, 15.4224, 32.6093
YIQ	111.8260, -7.4770, 19.8750

Conversions

Conversions Part 2

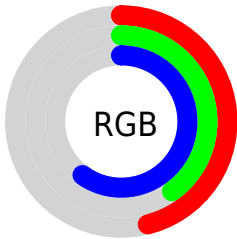
Format	Color
R_{YB}	117, 101, 154
Decimal	7693722
CIE Lab	46.21, 18.05, -26.56
CIE LCh	46, 32.110, 304.203
Yxy	15.4224, 0.2706, 0.2342
Android (android.graphics.Color)	4285883802 (0xFF75659A)
YUV	111.8260, 20.7918, 4.5376
Hunter-Lab	39.2713, 12.2840, -21.7421

Details

The YUV color **111.8260, 20.7918, 4.5376** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.1740, -20.7918, -4.5376**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8800, 22.2442, 5.3672**, and **63.4730, 19.4868, 3.0932** is the 20% darker color. If you saturate the color by 10%, you get **99.7320, 26.7541, 5.4970**, and if you desaturate by 10%, it is **123.9200, 14.8294, 3.5782**.

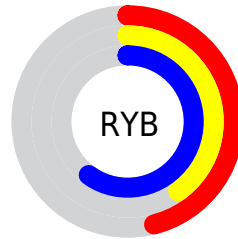
Distribution



Red (46%)

Green (40%)

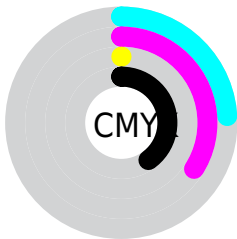
Blue (60%)



Red (46%)

Yellow (40%)

Blue (60%)

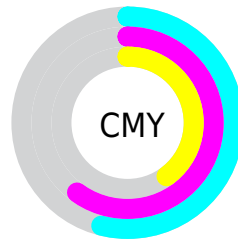


Cyan (24%)

Magenta (34%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8260, 20.7918, 4.5376 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 111.8260, 20.7918, 4.5376 by changing the saturation by 10% instead.

■ 111.8260, 20.7918,
4.5376

■ 111.8260, 20.7918,
4.5376

■ 255.0000, 0.0000,
0.0000

■ 87.2990, 20.0656,
4.1228

■ 163.8800, 22.2442,
5.3672

■ 63.4730, 19.4868,
3.0932

■ 191.2930, 22.5336,
5.8820

■ 41.4190, 18.0344,
2.2635

■ 217.5660, 18.4550,
7.3966

■ 19.2940, 17.6031,
0.6192

■ 243.2600, 5.7878,
10.2960

■ 4.3490, 14.1249,
-3.8141

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 111.8260, 20.7918,
4.5376

■ 111.8260, 20.7918,
4.5376

■ 99.7320, 26.7541,
5.4970

■ 123.9200, 14.8294,
3.5782

■ 87.0510, 33.0059,
6.9713

■ 136.6010, 8.5777,
2.1039

■ 75.2560, 38.8208,
8.5455

■ 148.3960, 2.7628,
0.5297

■ 62.5750, 45.0725,
10.0197

■ 161.0770, -3.4890,
-0.9445

■ 50.4810, 51.0349,
10.9792

■ 173.1710, -9.4513,
-1.9040

■ 38.3870, 56.9972,
11.9386

■ 185.2650,
-15.4136, -2.8634

■ 31.3100, 60.4862,
12.8831

■ 197.6470,
-21.5180, -4.9524

■ 209.7410,
-27.4803, -5.9119

■ 222.4220,
-33.7320, -7.3861

Harmonies

Analogous

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



105.5660, 28.3150, -28.5604



111.8260, 20.7918, 4.5376



112.8200, 9.9487, 29.0989

Triad

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



111.8260, 20.7918, 4.5376



109.0090, -23.6684, 31.5641



84.9690, 13.3263, -74.5178

Complementary

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



111.8260, 20.7918, 4.5376



143.1740, -20.7918, -4.5376

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.



99.2440, -7.0223, -34.4170



111.8260, 20.7918, 4.5376



107.0300, -25.6508, 14.0057

Square

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



111.8260, 20.7918, 4.5376



110.1920, -14.3917, 42.8046



104.0810, -19.7599, -8.8410



88.0470, 25.1198, -77.2172

Rectangle

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



111.8260, 20.7918, 4.5376



111.8230, 2.0593, 39.6202



104.0810, -19.7599, -8.8410



92.0160, 5.4151, -57.0190

Sweetspot

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



111.8260, 20.7918, 4.5376



185.0740, 7.8515, 1.6891



128.7610, 12.4428, -24.3464



92.2650, 4.7994, 0.6446



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



111.8260, 20.7918, 4.5376



135.8230, 32.1323, 7.1712



119.6000, 16.9592, 20.5218



70.5100, 3.1996, 0.4297



28.5180, 54.9606, 11.8237



2.6780, 5.0887, 1.1594

Inverse Universe

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



121.0650, 8.3490, 28.8840



150.1300, 13.2469, 44.6130



135.4000, -16.9592, -20.5218



71.9620, 1.0047, 4.4183



53.0320, 22.1692, 76.2709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 111.8260, 20.7918, 4.5376 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 111.8260, 20.7918, 4.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

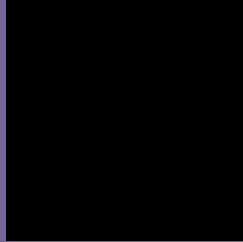
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.8260, 20.7918, 4.5376

Background



This preview shows how black text looks on a background with the YUV color 111.8260, 20.7918, 4.5376.

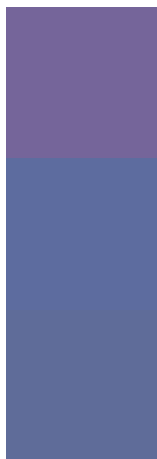


This preview shows how white text looks on a background with the YUV color 111.8260, 20.7918,

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

111.8260, 20.7918, 4.5376

Protanopia

109.3290, 24.4878, -14.3205

Deuteranopia

109.2430, 21.5722, -12.4911



Tritanopia

109.6240, 3.6364, 0.3298

Trichromacy



Original Color

111.8260, 20.7918, 4.5376

Protanomaly

110.0310, 23.1557, -7.0432

Deuteranomaly

109.8740, 21.2611, -6.0285

Tritanomaly

110.2420, 9.7407, 2.4188

Monochromacy



Original Color

111.8260, 20.7918, 4.5376

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9600, 7.4147, 1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8260, 20.7918, 4.5376 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(117, 101, 154)` looks like.

```
.text, #text, p{  
    color:rgb(117, 101, 154)  
}
```

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(117, 101, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 101, 154) }
```

Border

The CSS property to change the border of an element to YUV 111.8260, 20.7918, 4.5376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

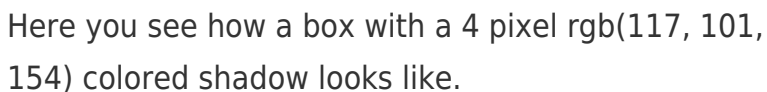
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 101, 154) }
```


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

```
.border{ border-color:rgb(117, 101, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 101, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 101, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 101, 154); box-shadow:4px 4px 4px 4px rgb(117, 101, 154) }
```

Background

The CSS property to change the background color of an element to YUV 111.8260, 20.7918, 4.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 101, 154) }
```

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

```
.background{ background-color: rgb(117,  
101, 154) }
```

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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