

Converting Colors

YUV(91.7290, 17.8816, 4.6227)

Have a look what the booklet for
YUV(91.7290, 17.8816, 4.6227)
contains.

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Color

**YUV(91.7290, 17.8816,
4.6227)**

Conversions

Conversions Part 1

Format	Color
Hex	615280
RGB	97, 82, 128
RGB Percent	38%, 32%, 50%
CMY	0.6196, 0.6784, 0.4980
CMYK	0.24, 0.36, 0.00, 0.50
HSL	260°, 22%, 41%
HSV	260°, 36%, 50%
XYZ	11.8433, 10.1345, 21.7540
YIQ	91.7290, -5.8260, 17.4860

Conversions

Conversions Part 2

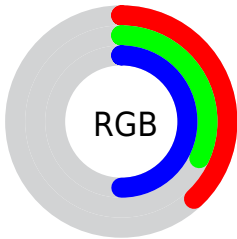
Format	Color
RYB	97, 82, 128
Decimal	6378112
CIELab	38.08, 16.62, -23.67
CIElCh	38, 28.926, 305.072
Yxy	10.1345, 0.2708, 0.2317
Android (android.graphics.Color)	4284568192 (0xFF615280)
YUV	91.7290, 17.8816, 4.6227
Hunter-Lab	31.8347, 10.6959, -18.2311




Details

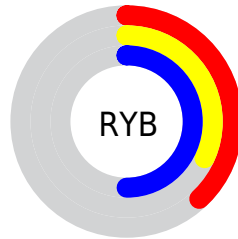
The YUV color **91.7290, 17.8816, 4.6227** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.2710, -17.8816, -4.6227**, and the grayscale version is **92.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **142.3700, 19.0446, 4.9375**, and **45.3760, 16.5766, 3.1782** is the 20% darker color. If you saturate the color by 10%, you get **81.4070, 22.9703, 5.7821**, and if you desaturate by 10%, it is **102.0510, 12.7929, 3.4633**.

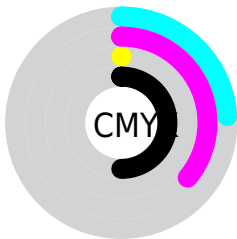
Distribution







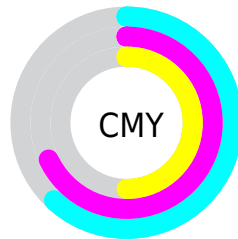
-  Red (38%)
-  Green (32%)
-  Blue (50%)






-  Red (38%)
-  Yellow (32%)
-  Blue (50%)



-  Cyan (24%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (62%)
-  Magenta (68%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7290, 17.8816, 4.6227 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 91.7290, 17.8816, 4.6227 by changing the saturation by 10% instead.

■ 91.7290, 17.8816,
4.6227

■ 91.7290, 17.8816,
4.6227

■ 255.0000, 0.0000,
0.0000

■ 68.2020, 17.1554,
4.2078

■ 142.3700, 19.0446,
4.9375

■ 45.3760, 16.5766,
3.1782

■ 168.8970, 19.7708,
5.3523

■ 24.0230, 15.2717,
1.7338

■ 196.3100, 20.0602,
5.8671

■ 3.8760, 14.8511,
-3.3993

■ 222.5830, 15.9816,
7.3817

■ 0.9120, 3.4944,
-0.7998

■ 246.7820, 4.0515,
7.2072

■ 0.0000, 0.0000,
0.0000

91.7290, 17.8816,
4.6227

91.7290, 17.8816,
4.6227

81.4070, 22.9703,
5.7821

102.0510, 12.7929,
3.4633

71.3840, 27.9117,
7.5562

112.0740, 7.8515,
1.6891

61.6490, 32.7110,
8.2008

121.8090, 3.0522,
1.0445

51.3270, 37.7998,
9.3602

132.1310, -2.0366,
-0.1149

41.3040, 42.7411,
11.1344

142.1540, -6.9779,
-1.8891

30.9820, 47.8299,
12.2938


152.4760,
-12.0667, -3.0485

27.1500, 49.7190,
13.0235

162.4990,
-17.0080, -4.8226

172.2340,

-21.8074, -5.4672

 182.5560,
-26.8961, -6.6266

Harmonies

Analogous

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



86.5620, 24.3729, -24.1719



91.7290, 17.8816, 4.6227



92.4560, 8.6492, 25.9101

Triad

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



91.7290, 17.8816, 4.6227



88.7850, -20.6000, 27.3756



70.4760, 11.1043, -61.8075

Complementary

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



91.7290, 17.8816, 4.6227



118.2710, -17.8816, -4.6227

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.



80.0210, -5.4334, -30.7134



91.7290, 17.8816, 4.6227



87.5180, -22.4404, 10.9467

Square

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



91.7290, 17.8816, 4.6227



90.2020, -12.9176, 36.6568



84.7760, -17.1446, -7.6966



72.5110, 21.4401, -63.5921

Rectangle

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



91.7290, 17.8816, 4.6227



91.5620, 1.2019, 34.5871



84.7760, -17.1446, -7.6966



73.1520, 5.8411, -53.6303

Sweetspot

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



91.7290, 17.8816, 4.6227



151.5470, 7.1253, 1.2743



105.4410, 11.1216, -20.5578



75.4500, 4.2152, 1.3594



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



91.7290, 17.8816, 4.6227



109.3840, 27.9117, 7.5562



98.6060, 14.4912, 18.7625



58.3960, 2.7628, 0.5297



27.1500, 49.7190, 13.0235



0.0000, 0.0000, 0.0000

Inverse Universe

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



99.2880, 6.7600, 25.1804



121.1140, 10.7898, 39.3650



111.3940, -14.4912, -18.7625



59.6630, 1.1521, 3.8035



48.0760, 18.6965, 70.0933



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 91.7290, 17.8816, 4.6227 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 91.7290, 17.8816, 4.6227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

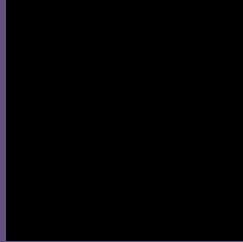
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7290, 17.8816, 4.6227

Background



This preview shows how black text looks on a background with the YUV color 91.7290, 17.8816, 4.6227.



This preview shows how white text looks on a background with the YUV color 91.7290, 17.8816,

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

91.7290, 17.8816, 4.6227

Protanopia

89.2430, 21.5722, -12.4911

Deuteranopia

89.7440, 18.3672, -11.1765



Tritanopia

90.3960, 2.7628, 0.5297

Trichromacy



Original Color

91.7290, 17.8816, 4.6227

Protanomaly

90.2330, 20.0981, -6.3433

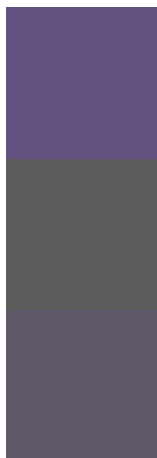
Deuteranomaly

90.0760, 18.2035, -5.3287

Tritanomaly

90.6010, 8.5777, 2.1039

Monochromacy



Original Color

91.7290, 17.8816, 4.6227

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7320, 6.5411, 1.9890

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7290, 17.8816, 4.6227 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(97, 82, 128)` looks like.

```
.text, #text, p{  
    color:rgb(97, 82, 128)  
}
```

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(97, 82, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 82, 128) }
```

Border

The CSS property to change the border of an element to YUV 91.7290, 17.8816, 4.6227 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(97, 82, 128) }
```


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

```
.border{ border-color:rgb(97, 82, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 82, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 82, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 82, 128);  
box-shadow:4px 4px 4px 4px rgb(97, 82,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 91.7290, 17.8816, 4.6227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 82, 128) }
```

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

```
.background{ background-color: rgb(97, 82,  
128) }
```

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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