

Converting Colors

YUV(93.7290, 17.8816, 4.6227)

Have a look what the booklet for
YUV(93.7290, 17.8816, 4.6227)
contains.

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Color

**YUV(93.7290, 17.8816,
4.6227)**

Conversions

Conversions Part 1

Format	Color
Hex	635482
RGB	99, 84, 130
RGB Percent	39%, 33%, 51%
CMY	0.6118, 0.6706, 0.4902
CMYK	0.24, 0.35, 0.00, 0.49
HSL	260°, 21%, 42%
HSV	260°, 35%, 51%
XYZ	12.3452, 10.6050, 22.5154
YIQ	93.7290, -5.8260, 17.4860

Conversions

Conversions Part 2

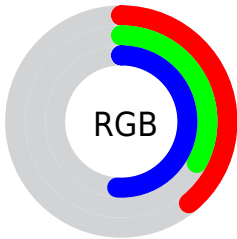
Format	Color
R_{YB}	99, 84, 130
Decimal	6509698
CIE _{Lab}	38.91, 16.55, -23.60
CIE _{LCh}	39, 28.824, 305.034
Yxy	10.6050, 0.2715, 0.2333
Android (android.graphics.Color)	4284699778 (0xFF635482)
YUV	93.7290, 17.8816, 4.6227
Hunter-Lab	32.5653, 10.6782, -18.1969

Details

The YUV color **93.7290, 17.8816, 4.6227** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.2710, -17.8816, -4.6227**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6690, 18.8972, 5.5523**, and **47.2620, 16.1398, 3.2782** is the 20% darker color. If you saturate the color by 10%, you get **83.4070, 22.9703, 5.7821**, and if you desaturate by 10%, it is **104.0510, 12.7929, 3.4633**.

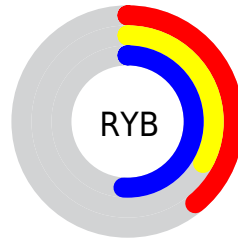
Distribution



Red (39%)

Green (33%)

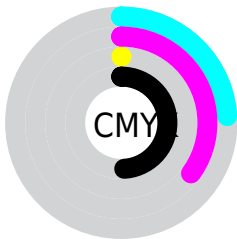
Blue (51%)



Red (39%)

Yellow (33%)

Blue (51%)

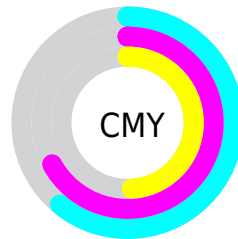


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (49%)



Cyan (61%)

Magenta (67%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7290, 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 93.7290, 17.8816, 4.6227 by changing the saturation by 10% instead.

■ 93.7290, 17.8816,
4.6227

■ 93.7290, 17.8816,
4.6227

■ 255.0000, 0.0000,
0.0000

■ 69.9030, 17.3028,
3.5931

■ 144.6690, 18.8972,
5.5523

■ 47.2620, 16.1398,
3.2782

■ 171.1960, 19.6234,
5.9671

■ 25.4360, 15.5611,
2.2486

■ 198.3100, 20.0602,
5.8671

■ 5.3000, 15.1351,
-1.1401

■ 225.2410, 14.6712,
7.6816

■ 1.2540, 4.8048,
-1.0998

■ 247.9560, 3.4727,
6.1776

■ 0.0000, 0.0000,
0.0000

■ 93.7290, 17.8816,
4.6227

■ 93.7290, 17.8816,
4.6227

■ 83.4070, 22.9703,
5.7821

■ 104.0510, 12.7929,
3.4633

■ 73.0850, 28.0591,
6.9415

■ 114.3730, 7.7041,
2.3039

■ 63.0620, 33.0004,
8.7156

■ 124.3960, 2.7628,
0.5297

■ 52.7400, 38.0892,
9.8750

■ 134.7180, -2.3260,
-0.6297

■ 42.4180, 43.1779,
11.0344

■ 145.0400, -7.4147,
-1.7891

■ 32.0960, 48.2667,
12.1938


■ 155.3620,
-12.5035, -2.9485

■ 27.3780, 50.5926,
12.8235

■ 165.3850,
-17.4448, -4.7226

■ 175.7070,

-22.5336, -5.8820

 186.0290,
-27.6223, -7.0414

Harmonies

Analogous

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



88.5620, 24.3729, -24.1719



93.7290, 17.8816, 4.6227



94.4560, 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.



93.7290, 17.8816, 4.6227



90.7850, -20.6000, 27.3756



71.8780, 11.3991, -63.0370

Complementary

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



93.7290, 17.8816, 4.6227



120.2710, -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.



82.0210, -5.4334, -30.7134



93.7290, 17.8816, 4.6227



89.5180, -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.



93.7290, 17.8816, 4.6227



92.2020, -12.9176, 36.6568



86.7760, -17.1446, -7.6966



73.9130, 21.7349, -64.8217

Rectangle

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



93.7290, 17.8816, 4.6227



93.5620, 1.2019, 34.5871



86.7760, -17.1446, -7.6966



76.0490, 5.3988, -51.7860

Sweetspot

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



93.7290, 17.8816, 4.6227



153.8460, 6.9779, 1.8891



107.4410, 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.



93.7290, 17.8816, 4.6227



112.8570, 27.1855, 7.1414



100.6060, 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.



101.2880, 6.7600, 25.1804



124.2880, 10.2110, 38.3354



113.3940, -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 93.7290, 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 93.7290, 17.8816, 4.6227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

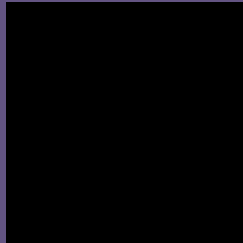
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7290, 17.8816, 4.6227

Background



This preview shows how black text looks on a background with the YUV color 93.7290, 17.8816, 4.6227.



This preview shows how white text looks on a background with the YUV color 93.7290, 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

93.7290, 17.8816, 4.6227

Protanopia

91.2430, 21.5722, -12.4911

Deuteranopia

91.7440, 18.3672, -11.1765



Tritanopia

92.3960, 2.7628, 0.5297

Trichromacy



Original Color

93.7290, 17.8816, 4.6227

Protanomaly

92.2330, 20.0981, -6.3433

Deuteranomaly

92.0760, 18.2035, -5.3287

Tritanomaly

92.6010, 8.5777, 2.1039

Monochromacy



Original Color

93.7290, 17.8816, 4.6227

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7320, 6.5411, 1.9890

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7290, 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(99, 84, 130)` looks like.

```
.text, #text, p{  
    color:rgb(99, 84, 130)  
}
```

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(99, 84, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 84, 130) }
```

Border

The CSS property to change the border of an element to YUV 93.7290, 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(99, 84, 130) }
```


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

```
.border{ border-color:rgb(99, 84, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 84, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 84, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 84, 130);  
box-shadow:4px 4px 4px 4px rgb(99, 84,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 93.7290, 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(99, 84, 130) }
```

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

```
.background{ background-color: rgb(99, 84,  
130) }
```

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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