

Converting Colors

YUV(90.7230, 20.3496, 6.3819)

Have a look what the booklet for
YUV(90.7230, 20.3496, 6.3819)
contains.

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Color

**YUV(90.7230, 20.3496,
6.3819)**

Conversions

Conversions Part 1

Format	Color
Hex	624F84
RGB	98, 79, 132
RGB Percent	38%, 31%, 52%
CMY	0.6157, 0.6902, 0.4824
CMYK	0.26, 0.40, 0.00, 0.48
HSL	262°, 25%, 41%
HSV	262°, 40%, 52%
XYZ	11.9978, 9.8546, 23.0996
YIQ	90.7230, -5.6890, 20.5110

Conversions

Conversions Part 2

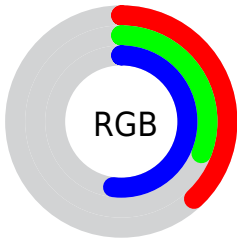
Format	Color
R_{YB}	98, 79, 132
Decimal	6442884
CIE _{Lab}	37.58, 19.87, -26.90
CIE _{LCh}	38, 33.445, 306.447
Yxy	9.8546, 0.2669, 0.2192
Android (android.graphics.Color)	4284632964 (0xFF624F84)
YUV	90.7230, 20.3496, 6.3819
Hunter-Lab	31.3920, 13.2857, -21.6537

Details

The YUV color **90.7230, 20.3496, 6.3819** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.2770, -20.3496, -6.3819**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0760, 21.6545, 7.8263**, and **43.9570, 18.7552, 4.4227** is the 20% darker color. If you saturate the color by 10%, you get **80.7000, 25.2909, 8.1561**, and if you desaturate by 10%, it is **100.7460, 15.4082, 4.6078**.

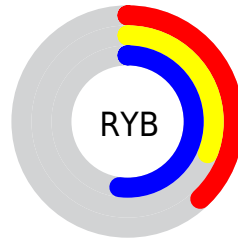
Distribution



Red (38%)

Green (31%)

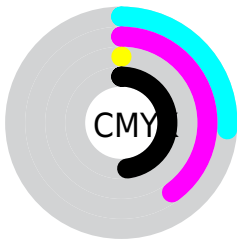
Blue (52%)



Red (38%)

Yellow (31%)

Blue (52%)

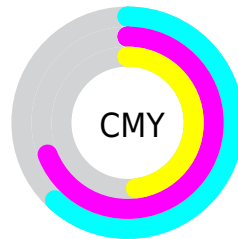


Cyan (26%)

Magenta (40%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (69%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7230, 20.3496, 6.3819 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 90.7230, 20.3496, 6.3819 by changing the saturation by 10% instead.

90.7230, 20.3496,
6.3819

90.7230, 20.3496,
6.3819

255.0000, 0.0000,
0.0000

66.8970, 19.7708,
5.3523

141.0760, 21.6545,
7.8263

43.9570, 18.7552,
4.4227

167.6030, 22.3807,
8.2412

22.7180, 17.8870,
2.8783

195.1300, 23.1069,
8.6560

4.2180, 16.1615,
-3.6992

221.4200, 16.5549,
10.1557

2.0690, 5.3890,
-1.8145

244.4340, 5.2090,
9.2664

0.0000, 0.0000,
0.0000

90.7230, 20.3496,
6.3819

90.7230, 20.3496,
6.3819

80.7000, 25.2909,
8.1561

100.7460, 15.4082,
4.6078

70.3780, 30.3796,
9.3155

111.0680, 10.3195,
3.4484

59.7680, 35.6104,
11.6045

121.6780, 5.0887,
1.1594

49.4460, 40.6991,
12.7639

132.0000, 0.0000,
0.0000

39.4230, 45.6405,
14.5380

142.0230, -4.9413,
-1.7742

29.1010, 50.7292,
15.6974

152.3450,
-10.0301, -2.9336

162.3680,
-14.9714, -4.7077

173.2770,

-20.3496, -6.3819

■ 183.3000,
-25.2909, -8.1561

Harmonies

Analogous

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



83.6800, 28.7518, -28.6604



90.7230, 20.3496, 6.3819



90.8310, 9.9433, 30.8432

Triad

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



90.7230, 20.3496, 6.3819



86.9980, -23.6630, 29.8198



70.5900, 11.5411, -61.9074

Complementary

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



90.7230, 20.3496, 6.3819



120.2770, -20.3496, -6.3819

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.



75.1940, -4.5326, -39.6351



90.7230, 20.3496, 6.3819



85.1930, -26.2241, 11.2317

Square

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



90.7230, 20.3496, 6.3819



88.3660, -14.9704, 41.7750



82.1840, -19.3177, -10.6854



72.9670, 23.1873, -63.9921

Rectangle

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



90.7230, 20.3496, 6.3819



89.4210, 1.7644, 40.8498



82.1840, -19.3177, -10.6854



69.4500, 7.1732, -60.9076

Sweetspot

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



90.7230, 20.3496, 6.3819



154.7860, 7.9935, 2.8187



105.0000, 13.3110, -22.8020



77.5640, 4.6519, 1.2594



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



90.7230, 20.3496, 6.3819



107.0190, 31.5426, 9.6303



98.4970, 16.5170, 22.3661



61.2820, 2.3260, 0.6297



28.8730, 49.8556, 15.8974



0.6410, 1.1630, 0.3148

Inverse Universe

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



98.7230, 7.0386, 29.1839



119.4460, 10.6261, 45.2129



112.5030, -16.5170, -22.3661



62.2500, 0.8628, 3.2888



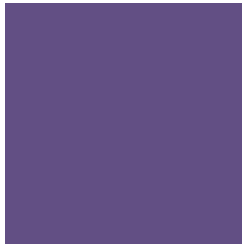
48.3320, 17.0913, 71.6228



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 90.7230, 20.3496, 6.3819 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 ✓ Pass

Black Background



This preview shows how the YUV color 90.7230, 20.3496, 6.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

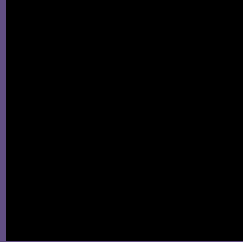
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7230, 20.3496, 6.3819

Background



This preview shows how black text looks on a background with the YUV color 90.7230, 20.3496, 6.3819.



This preview shows how white text looks on a background with the YUV color 90.7230, 20.3496,

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

90.7230, 20.3496, 6.3819

Protanopia

87.5460, 25.3668, -16.2648

Deuteranopia

87.7050, 20.8514, -14.6503



Tritanopia

88.9940, 2.4680, 1.7593

Trichromacy



Original Color

90.7230, 20.3496, 6.3819

Protanomaly

88.7320, 23.3031, -7.6580

Deuteranomaly

89.0480, 20.6823, -7.0581

Tritanomaly

89.7260, 9.0091, 3.7483

Monochromacy



Original Color

90.7230, 20.3496, 6.3819

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7230, 20.3496, 6.3819 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(98, 79, 132)` looks like.

```
.text, #text, p{  
    color:rgb(98, 79, 132)  
}
```

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(98, 79, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 79, 132) }
```

Border

The CSS property to change the border of an element to YUV 90.7230, 20.3496, 6.3819 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(98, 79, 132) }
```


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

```
.border{ border-color:rgb(98, 79, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 79, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 79, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 79, 132);  
box-shadow:4px 4px 4px 4px rgb(98, 79,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 90.7230, 20.3496, 6.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 79, 132) }
```

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

```
.background{ background-color: rgb(98, 79,  
132) }
```

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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