

Converting Colors

YUV(90.5850, 13.0226, 23.1660)

Have a look what the booklet for
YUV(90.5850, 13.0226, 23.1660)
contains.

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Color

**YUV(90.5850, 13.0226,
23.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	754875
RGB	117, 72, 117
RGB Percent	46%, 28%, 46%
CMY	0.5412, 0.7176, 0.5412
CMYK	0.00, 0.38, 0.00, 0.54
HSL	300°, 24%, 37%
HSV	300°, 38%, 46%
XYZ	12.8644, 9.7010, 18.0241
YIQ	90.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

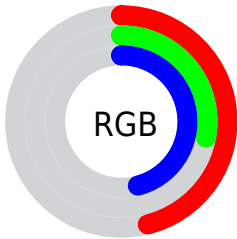
Format	Color
R_{YB}	117, 72, 117
Decimal	7686261
CIE _{Lab}	37.30, 26.97, -17.92
CIE _{LCh}	37, 32.382, 326.405
Yxy	9.7010, 0.3169, 0.2390
Android (android.graphics.Color)	4285876341 (0xFF754875)
YUV	90.5850, 13.0226, 23.1660
Hunter-Lab	31.1464, 19.2194, -12.5080

Details

The YUV color **90.5850, 13.0226, 23.1660** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.4150, -13.0226, -23.1660**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7100, 13.4540, 24.8103**, and **43.1610, 12.7386, 20.9068** is the 20% darker color. If you saturate the color by 10%, you get **83.5410, 16.4953, 29.3435**, and if you desaturate by 10%, it is **97.6290, 9.5499, 16.9884**.

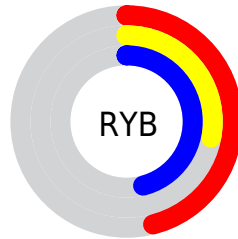
Distribution



Red (46%)

Green (28%)

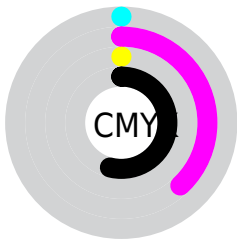
Blue (46%)



Red (46%)

Yellow (28%)

Blue (46%)

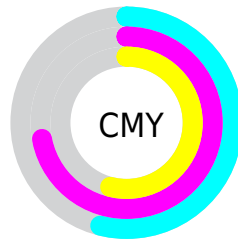


Cyan (0%)

Magenta (38%)

Yellow (0%)

Black (54%)



Cyan (54%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5850, 13.0226, 23.1660 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 90.5850, 13.0226, 23.1660 by changing the saturation by 10% instead.

90.5850, 13.0226,
23.1660

90.5850, 13.0226,
23.1660

255.0000, 0.0000,
0.0000

66.7590, 12.4438,
22.1364

141.7100, 13.4540,
24.8103

43.1610, 12.7386,
20.9068

168.5360, 14.0328,
25.8399

20.1610, 12.7386,
20.9068

195.9490, 14.3221,
26.3547

9.1290, 7.8244,
10.4109

223.6610, 14.4641,
27.4843

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

90.5850, 13.0226,
23.1660

90.5850, 13.0226,
23.1660

83.5410, 16.4953,
29.3435

97.6290, 9.5499,
16.9884

77.0840, 19.6786,
35.0063

104.0860, 6.3666,
11.3256

70.0400, 23.1513,
41.1839

111.1300, 2.8939,
5.1480

62.9960, 26.6240,
47.3615

118.1740, -0.5788,
-1.0296

56.5390, 29.8073,
53.0243

125.2180, -4.0515,
-7.2072

49.4950, 33.2800,
59.2019


131.6750, -7.2348,
-12.8700

48.3210, 33.8587,
60.2315

138.7190,
-10.7075, -19.0476

145.7630,

-14.1802, -25.2252

 152.2200,
-17.3635, -30.8879

Harmonies

Analogous

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



88.6400, 22.8555, -4.0693



90.5850, 13.0226, 23.1660



89.2960, 1.3331, 39.2054

Triad

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



90.5850, 13.0226, 23.1660



85.4650, -25.3722, 18.0092



71.8270, 18.8193, -62.9923

Complementary

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



90.5850, 13.0226, 23.1660



98.4150, -13.0226, -23.1660

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.



68.8630, 7.4625, -60.3929



90.5850, 13.0226, 23.1660



82.9570, -21.6708, -2.5933

Square

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



90.5850, 13.0226, 23.1660



87.1170, -20.7637, 33.2234



78.1910, -9.9542, -27.3545



72.4600, 28.8602, -63.5474

Rectangle

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



90.5850, 13.0226, 23.1660



88.1410, -6.9715, 42.8493



78.1910, -9.9542, -27.3545



70.9150, 15.3249, -62.1925

Sweetspot

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



90.5850, 13.0226, 23.1660



142.4340, 5.2090, 9.2664



77.1300, 19.6559, -4.4990



70.5430, 3.1833, 5.6628



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.5850, 13.0226, 23.1660



111.9100, 20.2574, 36.0359



88.0770, 3.4130, 25.3655



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Inverse Universe

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



90.5850, 13.0226, 23.1660



111.9100, 20.2574, 36.0359



101.0370, -2.9762, -25.4654



55.4780, 1.7363, 3.0888



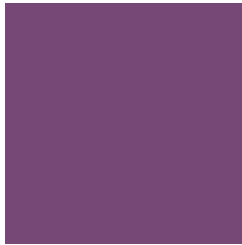
50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 90.5850, 13.0226, 23.1660 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 90.5850, 13.0226, 23.1660 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 90.5850, 13.0226, 23.1660

Background



This preview shows how black text looks on a background with the YUV color 90.5850, 13.0226, 23.1660.



This preview shows how white text looks on a background with the YUV color 90.5850, 13.0226,

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

90.5850, 13.0226, 23.1660

Protanopia

88.0860, 19.6776, -11.4764

Deuteranopia

88.8820, 12.3832, -5.1585



Tritanopia

89.8500, -2.3910, 20.3026

Trichromacy



Original Color

90.5850, 13.0226, 23.1660

Protanomaly

89.1800, 17.1663, 0.7191

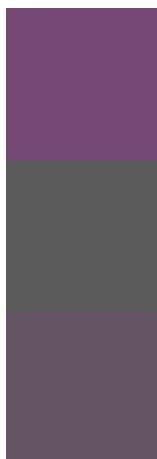
Deuteranomaly

89.6490, 12.4980, 4.6928

Tritanomaly

89.7560, 3.5713, 21.2620

Monochromacy



Original Color

90.5850, 13.0226, 23.1660

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5850, 13.0226, 23.1660 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, 72, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 72, 117)  
}
```

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, 72, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 72, 117) }
```

Border

The CSS property to change the border of an element to YUV 90.5850, 13.0226, 23.1660 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, 72, 117) }
```


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

```
.border{ border-color:rgb(117, 72, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 72, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 72, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 72, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 72,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 90.5850, 13.0226, 23.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 72, 117) }
```

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

```
.background{ background-color: rgb(117, 72,  
117) }
```

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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