

Converting Colors

YUV(90.0880, 16.7186, 4.3078)

Have a look what the booklet for
YUV(90.0880, 16.7186, 4.3078)
contains.

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Color

**YUV(90.0880, 16.7186,
4.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	5F517C
RGB	95, 81, 124
RGB Percent	37%, 32%, 49%
CMY	0.6275, 0.6824, 0.5137
CMYK	0.23, 0.35, 0.00, 0.51
HSL	260°, 21%, 40%
HSV	260°, 35%, 49%
XYZ	11.2998, 9.7730, 20.3596
YIQ	90.0880, -5.4590, 16.3410

Conversions

Conversions Part 2

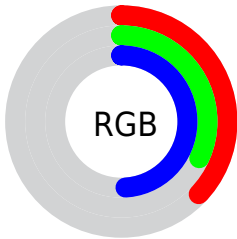
Format	Color
R_{YB}	95, 81, 124
Decimal	6246780
CIE _{Lab}	37.43, 15.55, -22.24
CIE _{LCh}	37, 27.137, 304.951
Yxy	9.7730, 0.2727, 0.2359
Android (android.graphics.Color)	4284436860 (0xFF5F517C)
YUV	90.0880, 16.7186, 4.3078
Hunter-Lab	31.2618, 9.8122, -16.7300

Details

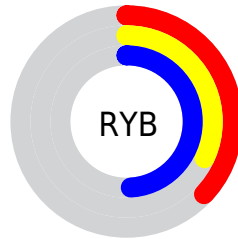
The YUV color **90.0880, 16.7186, 4.3078** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **114.9120, -16.7186, -4.3078**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.1420, 18.1710, 5.1375**, and **43.7350, 15.4136, 2.8634** is the 20% darker color. If you saturate the color by 10%, you get **80.6520, 21.3706, 5.5672**, and if you desaturate by 10%, it is **99.5240, 12.0667, 3.0485**.

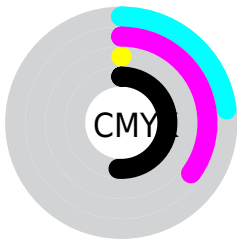
Distribution



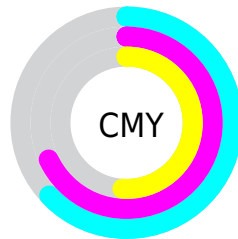
- Red (37%)
- Green (32%)
- Blue (49%)



- Red (37%)
- Yellow (32%)
- Blue (49%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0880, 16.7186, 4.3078 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 90.0880, 16.7186, 4.3078 by changing the saturation by 10% instead.

■ 90.0880, 16.7186,
4.3078

■ 90.0880, 16.7186,
4.3078

■ 255.0000, 0.0000,
0.0000

■ 66.5610, 15.9924,
3.8930

■ 140.1420, 18.1710,
5.1375

■ 43.7350, 15.4136,
2.8634

■ 166.5550, 18.4604,
5.6523

■ 22.7950, 14.3981,
1.9338

■ 193.9680, 18.7498,
6.1671

■ 3.5340, 13.5407,
-3.0993

■ 221.3980, 16.5658,
6.6670

■ 0.1140, 0.4368,
-0.1000

■ 245.6080, 4.6303,
8.2368

■ 0.0000, 0.0000,
0.0000

■ 90.0880, 16.7186,
4.3078

■ 90.0880, 16.7186,
4.3078

■ 80.6520, 21.3706,
5.5672

■ 99.5240, 12.0667,
3.0485

■ 70.3300, 26.4593,
6.7266

■ 109.8460, 6.9779,
1.8891

■ 60.8940, 31.1113,
7.9860

■ 119.2820, 2.3260,
0.6297

■ 50.8710, 36.0526,
9.7601

■ 129.3050, -2.6154,
-1.1445

■ 41.1360, 40.8520,
10.4047

■ 139.0400, -7.4147,
-1.7891

■ 31.7000, 45.5039,
11.6641


■ 148.4760,
-12.0667, -3.0485

■ 26.0960, 48.2667,
12.1938

■ 158.7980,
-17.1554, -4.2078

■ 168.2340,

-21.8074, -5.4672

 178.2570,
-26.7487, -7.2414

Harmonies

Analogous

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



85.1170, 22.6203, -22.0276



90.0880, 16.7186, 4.3078



90.9180, 7.9284, 23.7509

Triad

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



90.0880, 16.7186, 4.3078



87.5290, -18.9948, 25.8461



69.0740, 10.8095, -60.5779

Complementary

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



90.0880, 16.7186, 4.3078



114.9120, -16.7186, -4.3078

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.



79.4450, -5.1494, -28.4543



90.0880, 16.7186, 4.3078



85.9740, -20.6932, 10.5468

Square

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



90.0880, 16.7186, 4.3078



88.4190, -12.0386, 34.7125



83.4170, -15.9816, -7.3817



70.8810, 20.2717, -62.1626

Rectangle

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



90.0880, 16.7186, 4.3078



90.2520, 1.3548, 32.2280



83.4170, -15.9816, -7.3817



73.9680, 4.9458, -46.4529

Sweetspot

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



90.0880, 16.7186, 4.3078



148.3190, 6.2517, 1.4742



102.9250, 10.3900, -19.2282



74.0370, 3.9258, 0.8446



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



90.0880, 16.7186, 4.3078



107.3300, 26.4593, 6.7266



96.3670, 13.6231, 17.2181



56.2820, 2.3260, 0.6297



26.5090, 48.5561, 12.7086



53.2460, 97.9857, 25.2173

Inverse Universe

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



97.1630, 6.3286, 23.5360



118.5760, 10.0690, 37.2058



108.6330, -13.6231, -17.2181



57.2500, 0.8628, 3.2887



46.9510, 18.2652, 68.4490



94.7280, 37.1091, 137.9275

Previews

White Background



This preview shows how the YUV color 90.0880, 16.7186, 4.3078 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 90.0880, 16.7186, 4.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

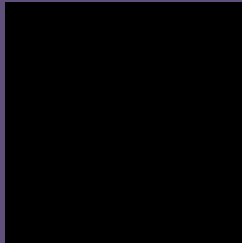
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0880, 16.7186, 4.3078

Background



This preview shows how black text looks on a background with the YUV color 90.0880, 16.7186, 4.3078.



This preview shows how white text looks on a background with the YUV color 90.0880, 16.7186,

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

90.0880, 16.7186, 4.3078

Protanopia

87.9010, 20.2618, -12.1912

Deuteranopia

88.1140, 17.1988, -9.7470



Tritanopia

88.6950, 2.6154, 1.1445

Trichromacy



Original Color

90.0880, 16.7186, 4.3078

Protanomaly

88.8910, 18.7877, -6.0434

Deuteranomaly

89.0330, 16.7457, -4.4139

Tritanomaly

89.3730, 7.7041, 2.3039

Monochromacy



Original Color

90.0880, 16.7186, 4.3078

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2050, 5.8149, 1.5742

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0880, 16.7186, 4.3078 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(95, 81, 124)` looks like.

```
.text, #text, p{  
    color:rgb(95, 81, 124)  
}
```

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(95, 81, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 81, 124) }
```

Border

The CSS property to change the border of an element to YUV 90.0880, 16.7186, 4.3078 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(95, 81, 124) }
```


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

```
.border{ border-color:rgb(95, 81, 124) }
```

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

Here you see how a box with a 4 pixel rgb(95, 81, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 81, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 81, 124);  
box-shadow:4px 4px 4px 4px rgb(95, 81,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 90.0880, 16.7186, 4.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 81, 124) }
```

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

```
.background{ background-color: rgb(95, 81,  
124) }
```

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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