

Converting Colors

YUV(88.0280, 17.7342, 5.2374)

Have a look what the booklet for
YUV(88.0280, 17.7342, 5.2374)
contains.

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Color

**YUV(88.0280, 17.7342,
5.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	5E4E7C
RGB	94, 78, 124
RGB Percent	37%, 31%, 49%
CMY	0.6314, 0.6941, 0.5137
CMYK	0.24, 0.37, 0.00, 0.51
HSL	261°, 23%, 40%
HSV	261°, 37%, 49%
XYZ	10.9786, 9.2837, 20.2821
YIQ	88.0280, -5.2300, 17.6980

Conversions

Conversions Part 2

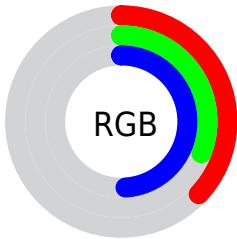
Format	Color
R_{YB}	94, 78, 124
Decimal	6180476
CIE _{Lab}	36.52, 17.10, -23.66
CIE _{LCh}	37, 29.196, 305.861
Yxy	9.2837, 0.2708, 0.2290
Android (android.graphics.Color)	4284370556 (0xFF5E4E7C)
YUV	88.0280, 17.7342, 5.2374
Hunter-Lab	30.4692, 10.9956, -18.1385

Details

The YUV color **88.0280, 17.7342, 5.2374** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **113.9720, -17.7342, -5.2374**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0820, 19.1866, 6.0671**, and **41.6750, 16.4292, 3.7930** is the 20% darker color. If you saturate the color by 10%, you get **78.5920, 22.3861, 6.4968**, and if you desaturate by 10%, it is **97.4640, 13.0822, 3.9781**.

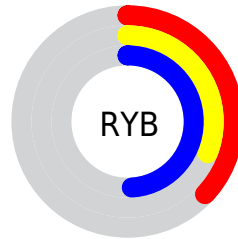
Distribution



Red (37%)

Green (31%)

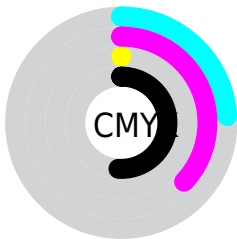
Blue (49%)



Red (37%)

Yellow (31%)

Blue (49%)

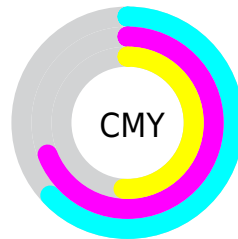


Cyan (24%)

Magenta (37%)

Yellow (0%)

Black (51%)



Cyan (63%)

Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.0280, 17.7342, 5.2374 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 88.0280, 17.7342, 5.2374 by changing the saturation by 10% instead.

■ 88.0280, 17.7342,
5.2374

■ 88.0280, 17.7342,
5.2374

■ 255.0000, 0.0000,
0.0000

■ 64.5010, 17.0080,
4.8226

■ 138.0820, 19.1866,
6.0671

■ 41.6750, 16.4292,
3.7930

■ 164.4950, 19.4760,
6.5819

■ 20.7350, 15.4136,
2.8634

■ 192.0220, 20.2022,
6.9967

■ 3.5340, 13.5407,
-3.0993

■ 219.3380, 17.5814,
7.5966

■ 0.1140, 0.4368,
-0.1000

■ 243.8470, 5.4984,
9.7812

■ 0.0000, 0.0000,
0.0000

88.0280, 17.7342,
5.2374

88.0280, 17.7342,
5.2374

78.5920, 22.3861,
6.4968

97.4640, 13.0822,
3.9781

68.5690, 27.3275,
8.2710

107.4870, 8.1409,
2.2039

59.1330, 31.9794,
9.5304

116.9230, 3.4890,
0.9445

49.1100, 36.9208,
11.3045

126.9460, -1.4524,
-0.8296

39.6740, 41.5727,
12.5639

136.3820, -6.1043,
-2.0890

29.9390, 46.3721,
13.2085


146.1170,
-10.9037, -2.7336

26.9930, 47.8245,
14.0381

156.1400,
-15.8450, -4.5078

165.5760,

-20.4970, -5.7672

 175.5990,
-25.4383, -7.5413

Harmonies

Analogous

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



82.5620, 24.3729, -24.1719



88.0280, 17.7342, 5.2374



88.7550, 8.5018, 26.5249

Triad

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



88.0280, 17.7342, 5.2374



85.3720, -20.8894, 26.8608



67.7860, 10.9515, -59.4483

Complementary

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



88.0280, 17.7342, 5.2374



113.9720, -17.7342, -5.2374

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.



75.5370, -4.7017, -32.0429



88.0280, 17.7342, 5.2374



83.5180, -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.



88.0280, 17.7342, 5.2374



86.2020, -12.9176, 36.6568



81.1780, -16.8498, -8.9261



69.8210, 21.2872, -61.2330

Rectangle

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



88.0280, 17.7342, 5.2374



87.8610, 1.0545, 35.2019



81.1780, -16.8498, -8.9261



66.8740, 7.4571, -58.6485

Sweetspot

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



88.0280, 17.7342, 5.2374



146.8460, 6.9779, 1.8891



101.4410, 11.1216, -20.5578



73.4500, 4.2151, 1.3593



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.



88.0280, 17.7342, 5.2374



104.0960, 28.0537, 8.6858



94.6060, 14.4912, 18.7625



56.2820, 2.3260, 0.6297



27.1070, 48.2612, 13.9382



55.0400, 97.1013, 28.9059

Inverse Universe

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



95.1740, 6.3232, 25.2804



115.2990, 10.2056, 40.0798



107.3940, -14.4912, -18.7625



57.2500, 0.8628, 3.2887



46.6090, 16.9548, 68.7489



94.1580, 34.9251, 138.4274

Previews

White Background



This preview shows how the YUV color 88.0280, 17.7342, 5.2374 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 88.0280, 17.7342, 5.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

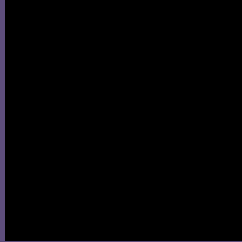
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.0280, 17.7342, 5.2374

Background



This preview shows how black text looks on a background with the YUV color 88.0280, 17.7342, 5.2374.



This preview shows how white text looks on a background with the YUV color 88.0280, 17.7342,

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

88.0280, 17.7342, 5.2374

Protanopia

85.8300, 21.2828, -13.0059

Deuteranopia

85.4450, 18.5146, -11.7913



Tritanopia

86.5810, 2.1786, 1.2445

Trichromacy



Original Color

88.0280, 17.7342, 5.2374

Protanomaly

86.2330, 20.0981, -6.3433

Deuteranomaly

86.0760, 18.2035, -5.3287

Tritanomaly

86.7860, 7.9935, 2.8187

Monochromacy



Original Color

88.0280, 17.7342, 5.2374

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7320, 6.5411, 1.9890

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0280, 17.7342, 5.2374 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(94, 78, 124)` looks like.

```
.text, #text, p{  
    color:rgb(94, 78, 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(94, 78, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 78, 124) }
```

Border

The CSS property to change the border of an element to YUV 88.0280, 17.7342, 5.2374 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(94, 78, 124) }
```


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

```
.border{ border-color:rgb(94, 78, 124) }
```

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

Here you see how a box with a 4 pixel rgb(94, 78, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 78, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 78, 124);  
box-shadow:4px 4px 4px 4px rgb(94, 78,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 88.0280, 17.7342, 5.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 78, 124) }
```

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

```
.background{ background-color: rgb(94, 78,  
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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