

Converting Colors

YUV(62.3980, 60.4428, 26.8380)

Have a look what the booklet for
YUV(62.3980, 60.4428, 26.8380)
contains.

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Color

**YUV(62.3980, 60.4428,
26.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	5D17B9
RGB	93, 23, 185
RGB Percent	36%, 9%, 73%
CMY	0.6353, 0.9098, 0.2745
CMYK	0.50, 0.88, 0.00, 0.27
HSL	266°, 78%, 41%
HSV	266°, 88%, 73%
XYZ	13.5776, 6.4427, 46.4269
YIQ	62.3980, -10.2820, 65.2220

Conversions

Conversions Part 2

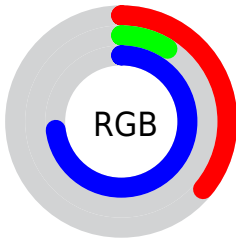
Format	Color
R _Y B	93, 23, 185
Decimal	6100921
CIE Lab	30.50, 60.93, -70.36
CIE LCh	31, 93.073, 310.894
Yxy	6.4427, 0.2043, 0.0970
Android (android.graphics.Color)	4284291001 (0xFF5D17B9)
YUV	62.3980, 60.4428, 26.8380
Hunter-Lab	25.3825, 51.0633, -90.6789

Details

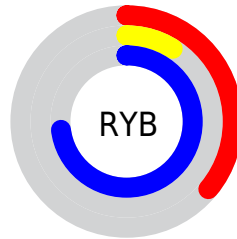
The YUV color **62.3980, 60.4428, 26.8380** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **145.6020, -60.4428, -26.8380**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9960, 60.1480, 28.0675**, and **21.3980, 53.5408, 0.5280** is the 20% darker color. If you saturate the color by 10%, you get **47.9560, 67.5627, 29.8566**, and if you desaturate by 10%, it is **76.8400, 53.3229, 23.8193**.

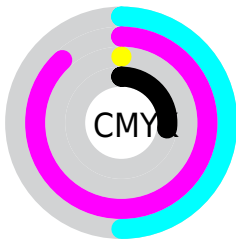
Distribution



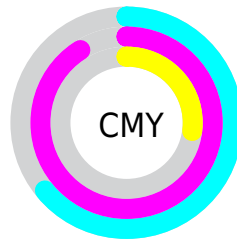
- Red (36%)
- Green (9%)
- Blue (73%)



- Red (36%)
- Yellow (9%)
- Blue (73%)



- Cyan (50%)
- Magenta (88%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (91%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3980, 60.4428, 26.8380 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 62.3980, 60.4428, 26.8380 by changing the saturation by 10% instead.

62.3980, 60.4428,
26.8380

62.3980, 60.4428,
26.8380

255.0000, 0.0000,
0.0000

36.4360, 59.4381,
22.4196

119.9960, 60.1480,
28.0675

21.3980, 53.5408,
0.5280

145.7100, 53.8800,
31.8263

11.8560, 45.4270,
-10.3977

170.5290, 41.6442,
36.3701

9.0060, 34.5070,
-7.8983

195.9350, 29.1190,
40.3990

9.2050, 22.5769,
-8.0728

216.2580, 19.0998,
33.9767


4.9360, 13.8356,
-4.3289


233.2810, 10.7075,


0.5700, 2.1840,


19.0476


-0.4999


 250.3040, 2.3151,
4.1184


 0.0000, 0.0000,
0.0000


 62.3980, 60.4428,
26.8380


 62.3980, 60.4428,
26.8380


 47.9560, 67.5627,
29.8566


 76.8400, 53.3229,
23.8193

 45.0100, 69.0151,
30.6862

 90.3960, 46.6398,
20.7007

 104.2510, 39.8093,
18.1969

 118.3940, 32.8368,
14.5635

 132.8360, 25.7169,
11.5448

■ 146.3920, 19.0337,
8.4262

■ 160.8340, 11.9138,
5.4076

■ 174.3900, 5.2307,
2.2890

■ 188.2450, -1.5998,
-0.2149

Harmonies

Analogous

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



69.6920, 74.1018, -61.1199



62.3980, 60.4428, 26.8380



64.6240, 27.7934, 92.4148

Triad

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



62.3980, 60.4428, 26.8380



66.1380, -32.6060, 51.6220



67.5240, 15.0247, -59.2185

Complementary

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



62.3980, 60.4428, 26.8380



145.6020, -60.4428, -26.8380

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.



57.0020, -20.2140, -49.9908



62.3980, 60.4428, 26.8380



64.9220, -32.0065, -0.8086

Square

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



62.3980, 60.4428, 26.8380



50.2320, -24.7644, 103.2825



52.2430, -25.7558, -45.8171



76.0910, 45.3111, -66.7318

Rectangle

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



62.3980, 60.4428, 26.8380



64.0500, 4.9054, 106.9502



52.2430, -25.7558, -45.8171



63.9730, 3.9573, -56.1043

Sweetspot

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



62.3980, 60.4428, 26.8380



192.2550, 23.5383, 10.3004



97.2330, 43.2691, -65.1023



92.0020, 13.8030, 6.1372



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



62.3980, 60.4428, 26.8380



58.4560, 89.5012, 39.9421



85.7200, 48.9450, 74.7906



85.2220, 3.3416, 1.5593



37.8170, 58.2642, 25.5935



6.7800, 10.4615, 4.5779

Inverse Universe

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



81.9260, 16.3055, 90.3959



87.2640, 24.0268, 133.9495



122.2800, -48.9450, -74.7906



86.2610, 0.8573, 5.0331



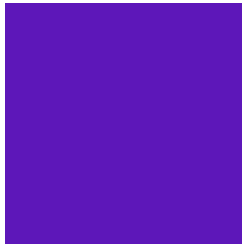
56.6760, 15.4427, 87.1071



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 62.3980, 60.4428, 26.8380 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 62.3980, 60.4428, 26.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

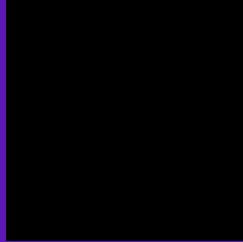
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3980, 60.4428, 26.8380

Background



This preview shows how black text looks on a background with the YUV color 62.3980, 60.4428, 26.8380.



This preview shows how white text looks on a background with the YUV color 62.3980, 60.4428,

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

62.3980, 60.4428, 26.8380

Protanopia

57.9620, 44.3887, -50.8327

Deuteranopia

58.3890, 33.3322, -51.2072



Tritanopia

71.6940, 4.0949, -6.7476

Trichromacy



Original Color

62.3980, 60.4428, 26.8380

Protanomaly

59.6310, 49.9749, -22.4784

Deuteranomaly

59.7960, 42.9916, -22.6231

Tritanomaly

68.1620, 24.5701, 5.9969

Monochromacy



Original Color

62.3980, 60.4428, 26.8380

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.2010, 22.0859, 9.4707

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3980, 60.4428, 26.8380 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(93, 23, 185)` looks like.

```
.text, #text, p{  
    color:rgb(93, 23, 185)  
}
```

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(93, 23, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 23, 185) }
```

Border

The CSS property to change the border of an element to YUV 62.3980, 60.4428, 26.8380 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(93, 23, 185) }
```


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

```
.border{ border-color:rgb(93, 23, 185) }
```

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

Here you see how a box with a 4 pixel rgb(93, 23, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 23, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 23, 185);  
box-shadow:4px 4px 4px 4px rgb(93, 23,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 62.3980, 60.4428, 26.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 23, 185) }
```

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

```
.background{ background-color: rgb(93, 23,  
185) }
```

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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