

Converting Colors

YUV(59.7620, 17.8653, 9.8557)

Have a look what the booklet for
YUV(59.7620, 17.8653, 9.8557)
contains.

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Color

**YUV(59.7620, 17.8653,
9.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	472F60
RGB	71, 47, 96
RGB Percent	28%, 18%, 38%
CMY	0.7216, 0.8157, 0.6235
CMYK	0.26, 0.51, 0.00, 0.62
HSL	269°, 34%, 28%
HSV	269°, 51%, 38%
XYZ	5.7264, 4.2172, 11.5785
YIQ	59.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

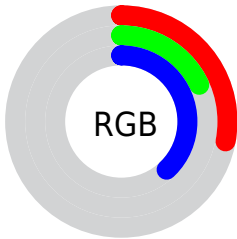
Format	Color
R_{YB}	71, 47, 96
Decimal	4665184
CIE _{Lab}	24.38, 21.97, -25.14
CIE _{LCh}	24, 33.389, 311.159
Yxy	4.2172, 0.2661, 0.1959
Android (android.graphics.Color)	4282855264 (0xFF472F60)
YUV	59.7620, 17.8653, 9.8557
Hunter-Lab	20.5357, 13.8371, -19.0541

Details

The YUV color **59.7620, 17.8653, 9.8557** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.2380, -17.8653, -9.8557**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1150, 19.1703, 11.3001**, and **14.5340, 16.9917, 10.0557** is the 20% darker color. If you saturate the color by 10%, you get **52.3970, 21.4963, 11.9298**, and if you desaturate by 10%, it is **67.1270, 14.2344, 7.7816**.

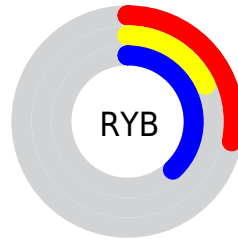
Distribution



 Red (28%)

 Green (18%)

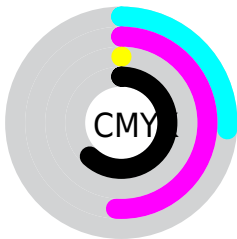
 Blue (38%)



 Red (28%)

 Yellow (18%)

 Blue (38%)

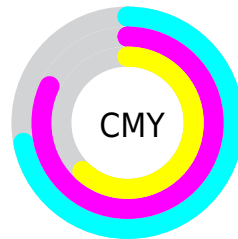


 Cyan (26%)


 Magenta (51%)

 Yellow (0%)

 Black (62%)



 Cyan (72%)

 Magenta (82%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7620, 17.8653, 9.8557 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 59.7620, 17.8653, 9.8557 by changing the saturation by 10% instead.

■ 59.7620, 17.8653,
9.8557

■ 59.7620, 17.8653,
9.8557

■ 255.0000, 0.0000,
0.0000

■ 36.9360, 17.2866,
8.8261

■ 108.1150, 19.1703,
11.3001

■ 14.5340, 16.9917,
10.0557

■ 133.6420, 19.8965,
11.7150

■ 3.7790, 11.9410,
-3.3142

■ 159.4680, 20.4753,
12.7446

■ 0.0000, 0.0000,
0.0000

■ 186.8810, 20.7647,
13.2594

■ 214.0660, 20.1805,
13.9741

■ 237.9770, 8.3923,

14.9292

■ 59.7620, 17.8653,
9.8557

■ 59.7620, 17.8653,
9.8557

■ 52.3970, 21.4963,
11.9298

■ 67.1270, 14.2344,
7.7816

■ 45.6190, 24.8378,
13.4891

■ 73.9050, 10.8928,
6.2223

■ 38.2540, 28.4688,
15.5632

■ 81.2700, 7.2619,
4.1482

■ 31.4760, 31.8103,
17.1225

■ 88.0480, 3.9203,
2.5889

■ 24.9970, 35.0045,
19.2966

■ 95.1140, 0.4368,
-0.1000

■ 102.4790, -3.1941,
-2.1741

■ 109.2570, -6.5357,
-3.7334

■ 116.6220,
-10.1666, -5.8075

■ 123.4000,
-13.5082, -7.3668

Harmonies

Analogous

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



52.5230, 26.8572, -27.6457



59.7620, 17.8653, 9.8557



58.0870, 8.3381, 32.3727

Triad

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



59.7620, 17.8653, 9.8557



55.4380, -24.3729, 24.1719



48.7280, 9.0081, -42.7345

Complementary

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



59.7620, 17.8653, 9.8557



83.2380, -17.8653, -9.8557

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.



45.1770, -2.0593, -39.6202



59.7620, 17.8653, 9.8557



53.8720, -26.0659, 7.1283

Square

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



59.7620, 17.8653, 9.8557



55.7460, -14.6648, 37.0568



50.8460, -16.6861, -14.7739



50.7630, 19.3438, -44.5192

Rectangle

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



59.7620, 17.8653, 9.8557



56.4810, 0.7489, 39.9202



50.8460, -16.6861, -14.7739



47.7020, 5.0769, -41.8347

Sweetspot

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



59.7620, 17.8653, 9.8557



110.8570, 6.9725, 3.6334



67.2610, 14.1683, -17.7689



55.1620, 4.3571, 2.4889



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



59.7620, 17.8653, 9.8557



68.7270, 27.7426, 15.1484



66.9380, 14.3276, 24.6104



45.0540, 1.4524, 0.8296



29.2130, 40.8140, 22.6152



62.3430, 87.5849, 47.9342

Inverse Universe

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



64.5010, 3.6970, 27.6246



76.1700, 5.8322, 42.8239



76.0620, -14.3276, -24.6104



45.4240, 0.2840, 2.2592



39.9860, 8.3879, 63.1563



85.6680, 17.9117, 135.3492

Previews

White Background



This preview shows how the YUV color 59.7620, 17.8653, 9.8557 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 59.7620, 17.8653, 9.8557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

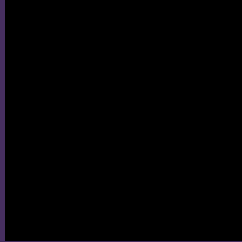
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7620, 17.8653, 9.8557

Background



This preview shows how black text looks on a background with the YUV color 59.7620, 17.8653, 9.8557.



This preview shows how white text looks on a background with the YUV color 59.7620, 17.8653,

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

59.7620, 17.8653, 9.8557

Protanopia

55.8940, 24.2093, -18.3240

Deuteranopia

55.8250, 18.8203, -16.5095



Tritanopia

59.1470, 0.4205, 5.1331

Trichromacy



Original Color

59.7620, 17.8653, 9.8557

Protanomaly

57.0910, 22.1401, -7.9728

Deuteranomaly

57.1790, 18.6458, -7.1730

Tritanomaly

59.4660, 6.6723, 6.6073

Monochromacy



Original Color

59.7620, 17.8653, 9.8557

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7620, 17.8653, 9.8557 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(71, 47, 96)` looks like.

```
.text, #text, p{  
    color:rgb(71, 47, 96)  
}
```

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(71, 47, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 47, 96) }
```

Border

The CSS property to change the border of an element to YUV 59.7620, 17.8653, 9.8557 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(71, 47, 96) }
```


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

```
.border{ border-color:rgb(71, 47, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 47, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 47, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 47, 96);  
box-shadow:4px 4px 4px 4px rgb(71, 47, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7620, 17.8653, 9.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 47, 96) }
```

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

```
.background{ background-color: rgb(71, 47,  
96) }
```

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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