

Converting Colors

YUV(45.3780, 17.0686, 32.1175)

Have a look what the booklet for
YUV(45.3780, 17.0686, 32.1175)
contains.

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Color

**YUV(45.3780, 17.0686,
32.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	521450
RGB	82, 20, 80
RGB Percent	32%, 8%, 31%
CMY	0.6784, 0.9216, 0.6863
CMYK	0.00, 0.76, 0.02, 0.68
HSL	302°, 61%, 20%
HSV	302°, 76%, 32%
XYZ	5.1778, 2.8733, 7.8711
YIQ	45.3780, 17.6920, 31.8040

Conversions

Conversions Part 2

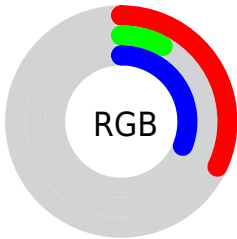
Format	Color
R_{YB}	82, 20, 80
Decimal	5379152
CIE _{Lab}	19.53, 36.40, -22.06
CIE _{LCh}	20, 42.560, 328.784
Yxy	2.8733, 0.3252, 0.1805
Android (android.graphics.Color)	4283569232 (0xFF521450)
YUV	45.3780, 17.0686, 32.1175
Hunter-Lab	16.9509, 24.8602, -15.6655

Details

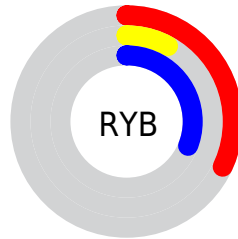
The YUV color **45.3780, 17.0686, 32.1175** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **56.6220, -17.0686, -32.1175**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9760, 16.7738, 33.3470**, and **15.3520, 9.6865, 19.8623** is the 20% darker color. If you saturate the color by 10%, you get **40.6820, 19.3838, 36.2359**, and if you desaturate by 10%, it is **50.0740, 14.7535, 27.9991**.

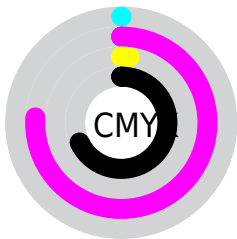
Distribution



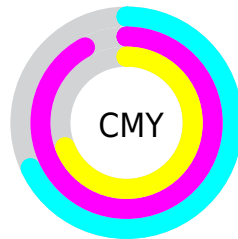
- Red (32%)
- Green (8%)
- Blue (31%)



- Red (32%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (2%)
- Black (68%)



- Cyan (68%)
- Magenta (92%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3780, 17.0686, 32.1175 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 45.3780, 17.0686, 32.1175 by changing the saturation by 10% instead.

■ 45.3780, 17.0686,
32.1175

■ 45.3780, 17.0686,
32.1175

■ 255.0000, 0.0000,
0.0000

■ 23.5410, 16.4953,
29.3435

■ 95.9760, 16.7738,
33.3470

■ 15.3520, 9.6865,
19.8623

■ 121.6880, 16.9158,
34.4766

■ 1.1400, 4.3680,
-0.9998

■ 147.5140, 17.4946,
35.5062

■ 0.0000, 0.0000,
0.0000


■ 175.1120, 17.1998,
36.7358


■ 202.9380, 17.7786,
37.7654


■ 223.3020, 15.6271,


27.7991


 240.3250, 7.2348,
12.8700


 45.3780, 17.0686,
32.1175


 45.3780, 17.0686,
32.1175


 40.6820, 19.3838,
36.2359

 50.0740, 14.7535,
27.9991

 35.8720, 21.2621,
40.4543

 54.8840, 12.8752,
23.7807

 33.5240, 22.4197,
42.5135

 60.1670, 10.2707,
19.1475

 64.8630, 7.9555,
15.0291

 69.5590, 5.6404,
10.9108

■ 74.3690, 3.7621,
6.6924

■ 79.0650, 1.4470,
2.5740

■ 84.3480, -1.1576,
-2.0592

■ 89.0440, -3.4727,
-6.1776

Harmonies

Analogous

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



46.1820, 27.5183, -6.2986



45.3780, 17.0686, 32.1175



35.3010, 7.2466, 55.8640

Triad

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



45.3780, 17.0686, 32.1175



44.9420, -22.1564, 13.2059



43.9980, 16.2700, -38.5862

Complementary

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



45.3780, 17.0686, 32.1175



56.6220, -17.0686, -32.1175

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.



40.3500, 2.2924, -35.3869



45.3780, 17.0686, 32.1175



40.9670, -20.1967, -8.7411

Square

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



45.3780, 17.0686, 32.1175



43.9000, -21.6427, 35.1677



35.3000, -11.9799, -30.9581



45.5600, 27.3319, -39.9561

Rectangle

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



45.3780, 17.0686, 32.1175



35.6680, -2.7943, 56.4192



35.3000, -11.9799, -30.9581



42.8580, 11.9020, -37.5865

Sweetspot

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



45.3780, 17.0686, 32.1175



92.2110, 6.7980, 12.9700



27.3670, 26.9341, -5.5839



45.0810, 3.9041, 7.8220



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



45.3780, 17.0686, 32.1175



49.7190, 26.7605, 50.2354



41.9580, 3.9647, 35.1168



38.6520, 1.1576, 2.0592



42.9090, 28.6389, 54.4538



95.0180, 64.0811, 120.1332

Inverse Universe

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



45.3780, 17.0686, 32.1175



49.7190, 26.7605, 50.2354



60.0420, -3.9647, -35.1168



38.6520, 1.1576, 2.0592



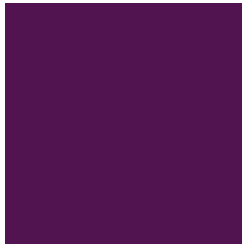
42.9090, 28.6389, 54.4538



95.0180, 64.0811, 120.1332

Previews

White Background



This preview shows how the YUV color 45.3780, 17.0686, 32.1175 looks on a white background.

Color Contrast Check

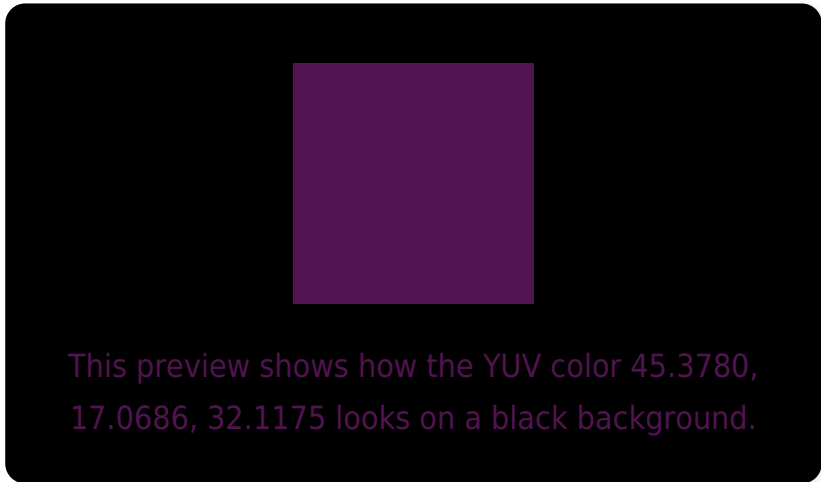
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

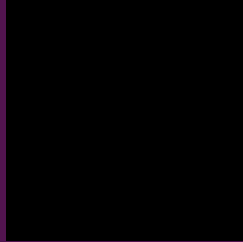
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3780, 17.0686, 32.1175

Background



This preview shows how black text looks on a background with the YUV color 45.3780, 17.0686, 32.1175.



This preview shows how white text looks on a background with the YUV color 45.3780, 17.0686,

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

45.3780, 17.0686, 32.1175

Protanopia

38.9890, 30.0784, -34.1934

Deuteranopia

47.8920, 13.8572, -11.3063



Tritanopia

48.4870, -5.1701, 25.0059

Trichromacy



Original Color

45.3780, 17.0686, 32.1175

Protanomaly

41.2910, 25.4925, -9.9022

Deuteranomaly

46.6320, 14.9714, 4.7077

Tritanomaly

47.2730, 2.8234, 27.8246

Monochromacy



Original Color

45.3780, 17.0686, 32.1175

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3780, 17.0686, 32.1175 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(82, 20, 80)` looks like.

```
.text, #text, p{  
  color:rgb(82, 20, 80)  
}
```

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(82, 20, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 20, 80) }
```

Border

The CSS property to change the border of an element to YUV 45.3780, 17.0686, 32.1175 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(82, 20, 80) }
```


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

```
.border{ border-color:rgb(82, 20, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 20, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 20, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 20, 80);  
box-shadow:4px 4px 4px 4px rgb(82, 20, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.3780, 17.0686, 32.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 20, 80) }
```

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

```
.background{ background-color: rgb(82, 20,  
80) }
```

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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