

Converting Colors

YUV(45.1040, 19.1757, 9.5558)

Have a look what the booklet for
YUV(45.1040, 19.1757, 9.5558)
contains.

YUV(45.1040, 19.1757, 9.5558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.1040, 19.1757,
9.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	382054
RGB	56, 32, 84
RGB Percent	22%, 13%, 33%
CMY	0.7804, 0.8745, 0.6706
CMYK	0.33, 0.62, 0.00, 0.67
HSL	268°, 45%, 23%
HSV	268°, 62%, 33%
XYZ	3.7476, 2.5139, 8.6752
YIQ	45.1040, -2.3880, 21.2600

Conversions

Conversions Part 2

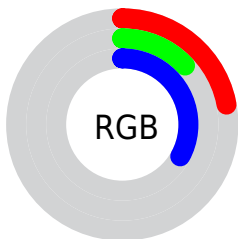
Format	Color
R_{YB}	56, 32, 84
Decimal	3678292
CIE _{Lab}	17.98, 23.71, -27.47
CIE _{LCh}	18, 36.289, 310.796
Yxy	2.5139, 0.2509, 0.1683
Android (android.graphics.Color)	4281868372 (0xFF382054)
YUV	45.1040, 19.1757, 9.5558
Hunter-Lab	15.8552, 14.4448, -21.3420

Details

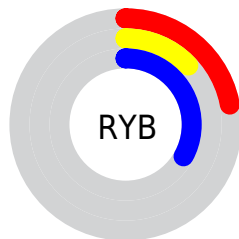
The YUV color **45.1040, 19.1757, 9.5558** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **70.8960, -19.1757, -9.5558**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.8700, 20.7701, 11.5150**, and **6.8380, 15.8559, 1.0191** is the 20% darker color. If you saturate the color by 10%, you get **38.9130, 22.2279, 10.6003**, and if you desaturate by 10%, it is **51.2950, 16.1236, 8.5113**.

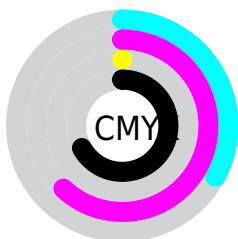
Distribution



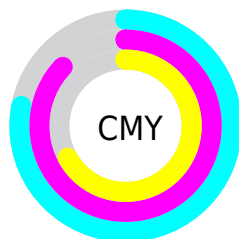
- Red (22%)
- Green (13%)
- Blue (33%)



- Red (22%)
- Yellow (13%)
- Blue (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (0%)
- Black (67%)



- Cyan (78%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.1040, 19.1757, 9.5558 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 45.1040, 19.1757, 9.5558 by changing the saturation by 10% instead.

■ 45.1040, 19.1757,
9.5558

■ 45.1040, 19.1757,
9.5558

■ 255.0000, 0.0000,
0.0000

■ 23.2780, 18.5969,
8.5262

■ 91.8700, 20.7701,
11.5150

■ 6.8380, 15.8559,
1.0191

■ 117.2830, 21.0595,
12.0298

■ 2.4110, 6.6994,
-2.1144

■ 142.9240, 22.2225,
12.3447

■ 0.0000, 0.0000,
0.0000

■ 169.6360, 22.3645,
13.4742

■ 197.1630, 23.0906,
13.8890

■ 222.6380, 15.9545,

16.1035

243.8470, 5.4984,
9.7812

45.1040, 19.1757,
9.5558

45.1040, 19.1757,
9.5558

38.9130, 22.2279,
10.6003

51.2950, 16.1236,
8.5113

32.4340, 25.4220,
12.7744

57.7740, 12.9294,
6.3372

26.2430, 28.4742,
13.8189

63.9650, 9.8773,
5.2927

21.2370, 30.9422,
15.5782

70.4440, 6.6831,
3.1186

76.6350, 3.6309,
2.0741

■ 82.5270, 0.7262,
0.4148

■ 89.3050, -2.6154,
-1.1445

■ 95.1970, -5.5201,
-2.8038

■ 101.9750, -8.8617,
-4.3631

Harmonies

Analogous

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



36.7720, 29.1994, -32.2490



45.1040, 19.1757, 9.5558



41.2660, 10.2219, 34.8467

Triad

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



45.1040, 19.1757, 9.5558



41.7630, -20.5892, 23.8868



38.3270, 7.2338, -33.6128

Complementary

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



45.1040, 19.1757, 9.5558



70.8960, -19.1757, -9.5558

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.



34.6620, -4.2704, -30.3986



45.1040, 19.1757, 9.5558



41.0550, -20.2401, 5.2138

Square

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



45.1040, 19.1757, 9.5558



39.5290, -15.5438, 39.0011



35.0200, -17.2649, -15.8035



41.1770, 18.1537, -36.1122

Rectangle

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



45.1040, 19.1757, 9.5558



37.7850, 3.0640, 44.0386



35.0200, -17.2649, -15.8035



37.3010, 3.3026, -32.7130

Sweetspot

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



45.1040, 19.1757, 9.5558



94.0850, 7.8461, 3.4335



54.9510, 14.3212, -20.1280



46.2760, 4.7939, 2.3889



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



45.1040, 19.1757, 9.5558



49.2970, 29.9266, 14.6485



52.5790, 15.4906, 24.9252



38.0540, 1.4524, 0.8296



26.3220, 38.7883, 19.0116



58.4410, 85.5646, 42.5862

Inverse Universe

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



50.7400, 4.5652, 29.1690



58.1210, 6.8423, 45.4979



63.4210, -15.4906, -24.9252



38.4240, 0.2840, 2.2592



37.7790, 8.9830, 58.9528



83.6180, 20.4013, 130.1310

Previews

White Background



This preview shows how the YUV color 45.1040, 19.1757, 9.5558 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 45.1040, 19.1757, 9.5558 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 45.1040, 19.1757, 9.5558

Background



This preview shows how black text looks on a background with the YUV color 45.1040, 19.1757, 9.5558.



This preview shows how white text looks on a background with the YUV color 45.1040, 19.1757,

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

45.1040, 19.1757, 9.5558

Protanopia

35.6150, 27.3048, -31.2344

Deuteranopia

35.5350, 21.9212, -31.1642



Tritanopia

45.1360, 0.4260, 3.3887

Trichromacy



Original Color

45.1040, 19.1757, 9.5558

Protanomaly

38.9050, 24.2038, -16.5797

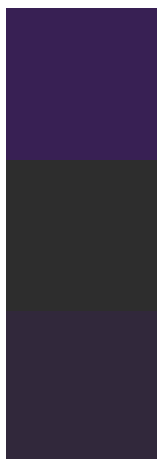
Deuteranomaly

38.6940, 20.8569, -16.3946

Tritanomaly

45.2810, 7.2565, 5.8926

Monochromacy



Original Color

45.1040, 19.1757, 9.5558

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

44.8570, 6.9725, 3.6334

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.1040, 19.1757, 9.5558 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(56, 32, 84)` looks like.

```
.text, #text, p{  
    color:rgb(56, 32, 84)  
}
```

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(56, 32, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 32, 84) }
```

Border

The CSS property to change the border of an element to YUV 45.1040, 19.1757, 9.5558 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(56, 32, 84) }
```


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

```
.border{ border-color:rgb(56, 32, 84) }
```

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

Here you see how a box with a 4 pixel rgb(56, 32, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 32, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 32, 84);  
box-shadow:4px 4px 4px 4px rgb(56, 32, 84)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.1040, 19.1757, 9.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 32, 84) }
```

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

```
.background{ background-color: rgb(56, 32,  
84) }
```

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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