

Converting Colors

YUV(45.8320, 5.0128, 25.5803)

Have a look what the booklet for
YUV(45.8320, 5.0128, 25.5803)
contains.

YUV(45.8320, 5.0128, 25.5803)	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(45.8320, 5.0128,
25.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1D38
RGB	75, 29, 56
RGB Percent	29%, 11%, 22%
CMY	0.7059, 0.8863, 0.7804
CMYK	0.00, 0.61, 0.25, 0.71
HSL	325°, 44%, 20%
HSV	325°, 61%, 29%
XYZ	4.0548, 2.6601, 4.0411
YIQ	45.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

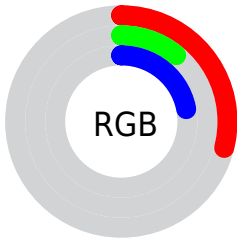
Format	Color
R_{YB}	75, 29, 56
Decimal	4922680
CIE _{Lab}	18.63, 25.45, -7.01
CIE _{LCh}	19, 26.399, 344.601
Yxy	2.6601, 0.3770, 0.2473
Android (android.graphics.Color)	4283112760 (0xFF4B1D38)
YUV	45.8320, 5.0128, 25.5803
Hunter-Lab	16.3098, 15.8350, -3.2735

Details

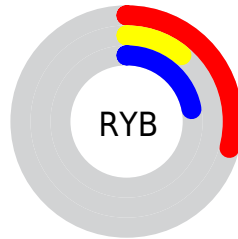
The YUV color **45.8320, 5.0128, 25.5803** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **58.1680, -5.0128, -25.5803**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.1420, 4.8600, 27.9395**, and **10.6370, 0.6720, 17.8584** is the 20% darker color. If you saturate the color by 10%, you get **40.7940, 6.0176, 29.9987**, and if you desaturate by 10%, it is **50.8700, 4.0081, 21.1620**.

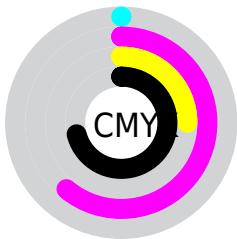
Distribution



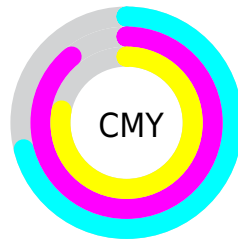
- Red (29%)
- Green (11%)
- Blue (22%)



- Red (29%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (25%)
- Black (71%)



- Cyan (71%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.8320, 5.0128, 25.5803 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 45.8320, 5.0128, 25.5803 by changing the saturation by 10% instead.

45.8320, 5.0128,
25.5803

45.8320, 5.0128,
25.5803

255.0000, 0.0000,
0.0000

22.7610, 6.0338,
24.7656

93.1420, 4.8600,
27.9395

10.6370, 0.6720,
17.8584

118.7400, 4.5652,
29.1690

0.0000, 0.0000,
0.0000

144.4520, 4.7072,
30.2986

171.1640, 4.8491,
31.4282

198.7620, 4.5543,
32.6577

224.1850, 6.3178,

27.0248

242.6730, 6.0772,
10.8108

45.8320, 5.0128,
25.5803

45.8320, 5.0128,
25.5803

40.7940, 6.0176,
29.9987

50.8700, 4.0081,
21.1620

36.3430, 6.7329,
33.9022

55.3210, 3.2927,
17.2585

31.3050, 7.7376,
38.3205

59.7720, 2.5774,
13.3550

27.4410, 8.1636,
41.7092

64.8100, 1.5727,
8.9366

69.8480, 0.5679,
4.5183

■ 74.4130, 0.2894,
0.5148

■ 79.4510, -0.7153,
-3.9035

■ 83.9020, -1.4307,
-7.8071

■ 88.9400, -2.4354,
-12.2254

Harmonies

Analogous

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



46.7960, 12.9186, 9.8259



45.8320, 5.0128, 25.5803



44.5740, -3.7340, 31.0686

Triad

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



45.8320, 5.0128, 25.5803



41.8700, -19.6559, 4.4990



39.9060, 15.8223, -34.9976

Complementary

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



45.8320, 5.0128, 25.5803



58.1680, -5.0128, -25.5803

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.



38.4410, 7.6706, -33.7128



45.8320, 5.0128, 25.5803



39.8230, -11.7447, -12.9998

Square

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



45.8320, 5.0128, 25.5803



43.6590, -19.5519, 17.8391



35.6880, -0.3392, -31.2984



38.6980, 21.3479, -33.9381

Rectangle

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



45.8320, 5.0128, 25.5803



44.3690, -9.5489, 29.4944



35.6880, -0.3392, -31.2984



39.3360, 13.6384, -34.4977

Sweetspot

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



45.8320, 5.0128, 25.5803



85.6360, 2.1515, 9.9662



39.6260, 17.4394, 6.4670



41.6740, 1.1467, 5.5479



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



45.8320, 5.0128, 25.5803



51.3160, 7.7322, 40.0649



43.3240, -4.5967, 27.7799



35.5380, 0.7208, 2.1592



37.3380, 11.1724, 56.7086



84.1600, 25.0641, 127.9017

Inverse Universe

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



45.8320, 5.0128, 25.5803



51.3160, 7.7322, 40.0649



60.6760, 4.5967, -27.7799



35.5380, 0.7208, 2.1592



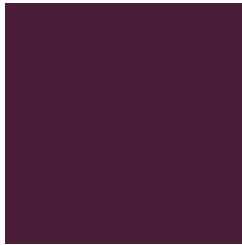
37.3380, 11.1724, 56.7086



84.1600, 25.0641, 127.9017

Previews

White Background



This preview shows how the YUV color 45.8320, 5.0128, 25.5803 looks on a white background.

Color Contrast Check

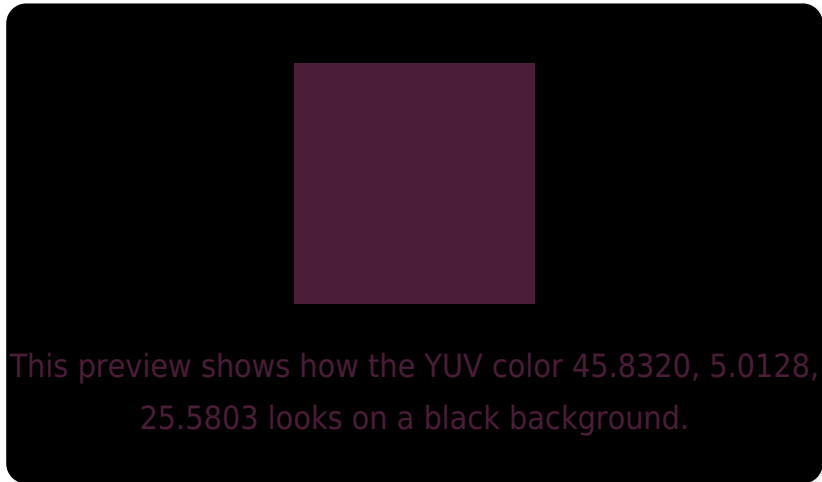
Large Text (above 18pt) WCAG AA ✓ Pass

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

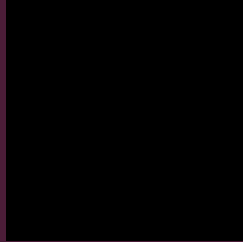
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.8320, 5.0128, 25.5803

Background



This preview shows how black text looks on a background with the YUV color 45.8320, 5.0128, 25.5803.



This preview shows how white text looks on a background with the YUV color 45.8320, 5.0128,

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

45.8320, 5.0128, 25.5803

Protanopia

46.4150, 10.6414, -6.5030

Deuteranopia

46.6240, 3.6364, 0.3298



Tritanopia

45.8890, -4.8753, 23.7763

Trichromacy



Original Color

45.8320, 5.0128, 25.5803

Protanomaly

46.3240, 8.7143, 4.9779

Deuteranomaly

46.2060, 4.3354, 9.4663

Tritanomaly

45.8120, -1.3863, 24.7209

Monochromacy



Original Color

45.8320, 5.0128, 25.5803

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2230, 1.8621, 9.4514

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.8320, 5.0128, 25.5803 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(75, 29, 56)` looks like.

```
.text, #text, p{  
    color:rgb(75, 29, 56)  
}
```

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(75, 29, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 29, 56) }
```

Border

The CSS property to change the border of an element to YUV 45.8320, 5.0128, 25.5803 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(75, 29, 56) }
```


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

```
.border{ border-color:rgb(75, 29, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 29, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 29, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 29, 56);  
box-shadow:4px 4px 4px 4px rgb(75, 29, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.8320, 5.0128, 25.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 29, 56) }
```

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

```
.background{ background-color: rgb(75, 29,  
56) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor