

Converting Colors

YIQ(45.0280, 21.1330, 18.9970)

Have a look what the booklet for
YIQ(45.0280, 21.1330, 18.9970)
contains.

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Color

**YIQ(45.0280, 21.1330,
18.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1B36
RGB	77, 27, 54
RGB Percent	30%, 11%, 21%
CMY	0.6979, 0.8942, 0.7882
CMYK	0.00, 0.65, 0.30, 0.70
HSL	328°, 48%, 20%
HSV	328°, 65%, 30%
XYZ	4.1210, 2.6286, 3.7822
YIQ	45.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

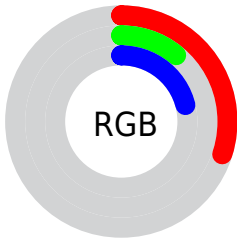
Format	Color
R_{YB}	77, 27, 54
Decimal	5053238
CIE Lab	18.49, 26.99, -5.79
CIE LCh	18, 27.602, 347.892
Yxy	2.6286, 0.3913, 0.2496
Android (android.graphics.Color)	4283243318 (0xFF4D1B36)
YUV	45.0280, 4.4232, 28.0394
Hunter-Lab	16.2130, 16.9986, -2.4821

Details

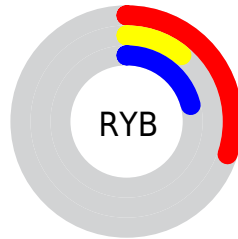
The YIQ color **45.0280, 21.1330, 18.9970** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **58.9720, -21.1330, -18.9970**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **93.2240, 23.5170, 19.8450**, and **10.8930, 16.7790, 9.7950** is the 20% darker color. If you saturate the color by 10%, you get **39.8760, 24.6170, 21.9370**, and if you desaturate by 10%, it is **50.1800, 17.6490, 16.0570**.

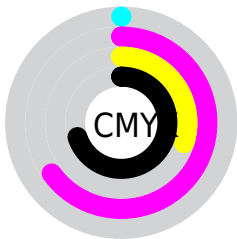
Distribution



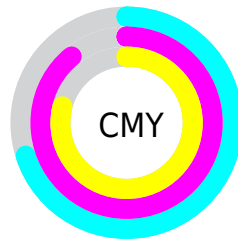
- Red (30%)
- Green (11%)
- Blue (21%)



- Red (30%)
- Yellow (11%)
- Blue (21%)



- Cyan (0%)
- Magenta (65%)
- Yellow (30%)
- Black (70%)



- Cyan (70%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.0280, 21.1330, 18.9970 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 YIQ color 45.0280, 21.1330, 18.9970 by changing the saturation by 10% instead.

45.0280, 21.1330,
18.9970

45.0280, 21.1330,
18.9970

255.0000, -0.0000,
-0.0000

21.9570, 19.8950,
19.4070

93.2240, 23.5170,
19.8450

10.8930, 16.7790,
9.7950

118.2350, 24.9840,
20.7920

0.0000, 0.0000,
0.0000

143.8330, 26.1760,
21.2160

171.1320, 26.7720,
21.4280

198.8440, 27.6430,
22.1630

222.6690, 20.7660,

20.1420

242.0860, 6.0500,
11.5060

45.0280, 21.1330,
18.9970

45.0280, 21.1330,
18.9970

39.8760, 24.6170,
21.9370

50.1800, 17.6490,
16.0570

35.4250, 27.5050,
24.6650

54.6310, 14.7610,
13.3290

30.2730, 30.9890,
27.6050

59.7830, 11.2770,
10.3890

27.8110, 32.4100,
29.3860

64.8210, 8.1140,
7.1380

69.3860, 4.9050,
4.7210

■ 74.4240, 1.7420,
1.4700

■ 79.5760, -1.7420,
-1.4700

■ 84.6140, -4.9050,
-4.7210

■ 89.1790, -8.1140,
-7.1380

Harmonies

Analogous

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



46.4050, 3.8940, 17.5420



45.0280, 21.1330, 18.9970



43.3570, 30.2120, 14.1480

Triad

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



45.0280, 21.1330, 18.9970



41.3320, 13.0240, -15.7760



39.5470, -38.3290, -4.7050

Complementary

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



45.0280, 21.1330, 18.9970



58.9720, -21.1330, -18.9970

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.



38.7830, -33.4220, -11.0380



45.0280, 21.1330, 18.9970



38.4420, -7.8370, -17.6690

Square

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



45.0280, 21.1330, 18.9970



42.6050, 25.6770, -8.2990



35.8020, -26.4060, -17.0460



38.9260, -40.7140, -0.0260

Rectangle

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



45.0280, 21.1330, 18.9970



43.4400, 31.1760, 7.6880



35.8020, -26.4060, -17.0460



39.5640, -36.9990, -6.7830

Sweetspot

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



45.0280, 21.1330, 18.9970



87.5220, 7.5180, 6.9260



39.5770, -2.3420, 20.4260



43.3860, 4.9050, 4.7210



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



45.0280, 21.1330, 18.9970



49.8110, 32.4100, 29.3860



42.1780, 29.1580, 11.2220



35.4240, 1.7420, 1.4700



36.7680, 43.1370, 38.7290



82.9060, 97.2760, 87.3240

Inverse Universe

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



45.0280, 21.1330, 18.9970



49.8110, 32.4100, 29.3860



61.8220, -29.1580, -11.2220



35.4240, 1.7420, 1.4700



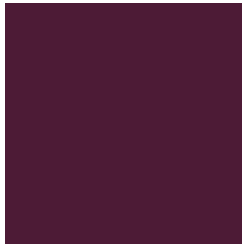
36.7680, 43.1370, 38.7290



82.9060, 97.2760, 87.3240

Previews

White Background



This preview shows how the YIQ color 45.0280, 21.1330, 18.9970 looks on a white background.

Color Contrast Check

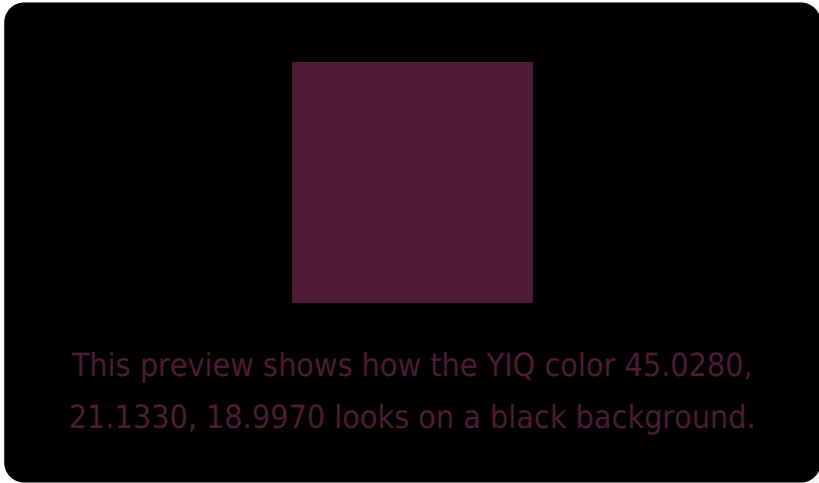
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

YIQ 45.0280, 21.1330, 18.9970

Background



This preview shows how black text looks on a background with the YIQ color 45.0280, 21.1330, 18.9970.



This preview shows how white text looks on a background with the YIQ color 45.0280, 21.1330,

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

45.0280, 21.1330, 18.9970

Protanopia

46.3010, -10.9130, 5.0470

Deuteranopia

46.5810, -0.1380, 2.5020



Tritanopia

45.0850, 24.9860, 9.7380

Trichromacy



Original Color

45.0280, 21.1330, 18.9970

Protanomaly

45.8080, 0.9610, 10.1210

Deuteranomaly

45.8750, 8.0220, 8.8060

Tritanomaly

45.0080, 23.8850, 13.1730

Monochromacy



Original Color

45.0280, 21.1330, 18.9970

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.8210, 8.1140, 7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.0280, 21.1330, 18.9970 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(77, 27, 54)` looks like.

```
.text, #text, p{  
    color:rgb(77, 27, 54)  
}
```

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(77, 27, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 27, 54) }
```

Border

The CSS property to change the border of an element to YIQ 45.0280, 21.1330, 18.9970 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(77, 27, 54) }
```


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

```
.border{ border-color:rgb(77, 27, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 27, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 27, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 27, 54);  
box-shadow:4px 4px 4px 4px rgb(77, 27, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.0280, 21.1330, 18.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 27, 54) }
```

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

```
.background{ background-color: rgb(77, 27,  
54) }
```

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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