

Converting Colors

YIQ(49.2720, -45.2180, 59.5980)

Have a look what the booklet for
YIQ(49.2720, -45.2180, 59.5980)
contains.

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Color

**YIQ(49.2720, -45.2180,
59.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	2B17C9
RGB	43, 23, 201
RGB Percent	17%, 9%, 79%
CMY	0.8312, 0.9099, 0.2121
CMYK	0.79, 0.89, 0.00, 0.21
HSL	247°, 79%, 44%
HSV	247°, 89%, 79%
XYZ	11.8373, 5.3402, 55.6153
YIQ	49.2720, -45.2180, 59.5980

Conversions

Conversions Part 2

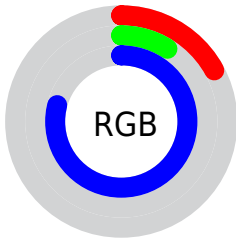
Format	Color
R_{YB}	43, 23, 201
Decimal	2824137
CIE _{Lab}	27.68, 61.41, -84.56
CIE _{LCh}	28, 104.502, 305.987
Yxy	5.3402, 0.1626, 0.0734
Android (android.graphics.Color)	4281014217 (0xFF2B17C9)
YUV	49.2720, 74.8019, -5.5005
Hunter-Lab	23.1088, 50.9946, -126.5152




Details

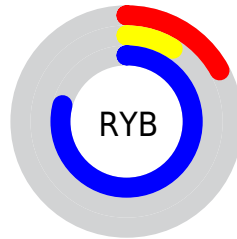
The YIQ color **49.2720, -45.2180, 59.5980** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **174.7280, 45.2180, -59.5980**, and the grayscale version is **49.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **108.9640, -32.4270, 64.5730**, and **16.5300, -46.5450, 45.0950** is the 20% darker color. If you saturate the color by 10%, you get **32.1500, -50.4460, 66.2420**, and if you desaturate by 10%, it is **66.3940, -39.9900, 52.9540**.

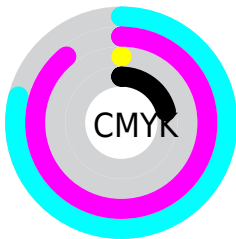
Distribution







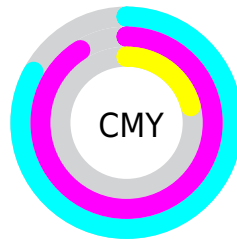
-  Red (17%)
-  Green (9%)
-  Blue (79%)






-  Red (17%)
-  Yellow (9%)
-  Blue (79%)



-  Cyan (79%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (83%)
-  Magenta (91%)
-  Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.2720, -45.2180, 59.5980 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 49.2720, -45.2180, 59.5980 by changing the saturation by 10% instead.

■ 49.2720, -45.2180,
59.5980

■ 49.2720, -45.2180,
59.5980

■ 255.0000, -0.0000,
-0.0000

■ 19.7220, -55.5330,
53.8030

■ 108.9640,
-32.4270, 64.5730

■ 16.5300, -46.5450,
45.0950

■ 133.7940,
-20.5050, 57.7590

■ 13.4520, -37.8780,
36.6980

■ 158.9120, -9.4540,
50.2100

■ 15.1840, -31.7320,
24.4280

■ 184.0300, 1.5970,
42.6610

■ 11.8610, -23.7530,
17.4870

■ 209.1480, 12.6480,
35.1120


■ 6.8910, -15.2700,
12.4260


■ 229.7590, 11.8250,


■ 3.2090, -7.6580,


22.4890


6.6300


 246.1950, 4.1250,
7.8450


 0.0000, 0.0000,
0.0000


 49.2720, -45.2180,
59.5980

 49.2720, -45.2180,
59.5980


 32.1500, -50.4460,
66.2420

 66.3940, -39.9900,
52.9540

 29.7910, -50.8130,
67.3870

 83.5160, -34.7620,
46.3100

 100.6380,
-29.5340, 39.6660

 117.4610,
-24.9020, 32.8100

 134.5830,
-19.6740, 26.1660

■ 152.2920,
-14.7210, 18.9990

■ 169.4140, -9.4930,
12.3550

■ 186.5360, -4.2650,
5.7110

■ 203.3590, 0.3670,
-1.1450

Harmonies

Analogous

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



71.8750, -96.2890, 32.5030



49.2720, -45.2180, 59.5980



64.1980, 55.0510, 76.1310

Triad

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



49.2720, -45.2180, 59.5980



53.2460, 70.0090, 14.2730



61.4770, -50.4760, -21.3560

Complementary

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



49.2720, -45.2180, 59.5980



174.7280, 45.2180, -59.5980

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.



51.0690, -23.9250, -45.5010



49.2720, -45.2180, 59.5980



60.5360, 20.9570, -21.8830

Square

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



49.2720, -45.2180, 59.5980



51.7270, 103.1080, 36.6760



48.1340, -22.5500, -42.8860



72.3580, -76.9810, 1.9550

Rectangle

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



49.2720, -45.2180, 59.5980



65.0330, 85.7720, 64.5240



48.1340, -22.5500, -42.8860



57.5840, -40.8920, -29.8520

Sweetspot

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



49.2720, -45.2180, 59.5980



196.2580, -17.3810, 23.1550



137.2120, -101.1380, -28.3220



92.8700, -10.7770, 13.5990



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



49.2720, -45.2180, 59.5980



37.7410, -64.5710, 85.4530



75.2850, 6.6340, 78.0420



91.3250, -2.2930, 3.0110



23.9640, -41.5950, 54.5090



5.3000, -9.1720, 12.0440

Inverse Universe

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



94.2340, 55.3700, 86.8740



102.0090, 79.4340, 124.3460



148.7150, -6.6340, -78.0420



93.6030, 2.7960, 4.3960



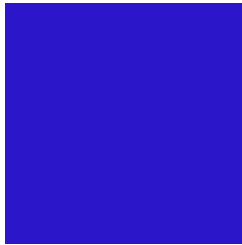
65.2670, 50.6030, 79.6510



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 49.2720, -45.2180, 59.5980 looks on a white background.

Color Contrast Check

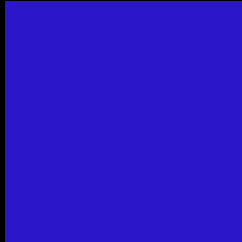
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 49.2720, -45.2180, 59.5980 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](#).

YIQ 49.2720, -45.2180, 59.5980

Background



This preview shows how black text looks on a background with the YIQ color 49.2720, -45.2180, 59.5980.



This preview shows how white text looks on a background with the YIQ color 49.2720, -45.2180,

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

49.2720, -45.2180, 59.5980

Protanopia

52.1430, -60.0180, 8.4140

Deuteranopia

52.7980, -54.9730, -0.4210

Trichromacy



Original Color

49.2720, -45.2180, 59.5980

Protanomaly

50.9720, -54.3820, 27.4260

Deuteranomaly

51.8380, -51.3090, 21.2910

Monochromacy



Original Color

49.2720, -45.2180, 59.5980

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.3890, -16.3720, 21.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.2720, -45.2180, 59.5980 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(43, 23, 201)` looks like.

```
.text, #text, p{  
    color:rgb(43, 23, 201)  
}
```

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(43, 23, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 23, 201) }
```

Border

The CSS property to change the border of an element to YIQ 49.2720, -45.2180, 59.5980 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(43, 23, 201) }
```

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

```
.border{ border-color:rgb(43, 23, 201) }
```

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

Here you see how a box with a 4 pixel rgb(43, 23, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 23, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 23, 201);  
box-shadow:4px 4px 4px 4px rgb(43, 23,  
201) }
```


Background

The CSS property to change the background color of an element to YIQ 49.2720, -45.2180, 59.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 23, 201) }
```

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

```
.background{ background-color: rgb(43, 23,  
201) }
```

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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