

Converting Colors

YIQ(41.1210, -1.0580, 19.1820)

Have a look what the booklet for
YIQ(41.1210, -1.0580, 19.1820)
contains.

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Color

**YIQ(41.1210, -1.0580,
19.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	341D4B
RGB	52, 29, 75
RGB Percent	20%, 11%, 29%
CMY	0.7960, 0.8863, 0.7059
CMYK	0.31, 0.61, 0.00, 0.71
HSL	270°, 44%, 20%
HSV	270°, 61%, 29%
XYZ	3.1261, 2.1168, 6.8986
YIQ	41.1210, -1.0580, 19.1820

Conversions

Conversions Part 2

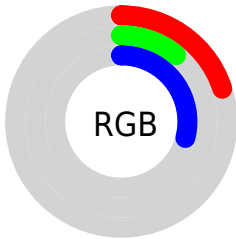
Format	Color
R_{YB}	52, 29, 75
Decimal	3415371
CIE _{Lab}	16.09, 21.89, -24.41
CIE _{LCh}	16, 32.782, 311.883
Yxy	2.1168, 0.2575, 0.1743
Android (android.graphics.Color)	4281605451 (0xFF341D4B)
YUV	41.1210, 16.7023, 9.5409
Hunter-Lab	14.5491, 12.8922, -17.9287

Details

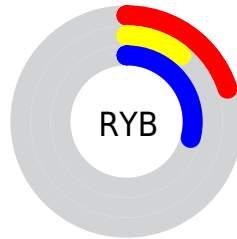
The YIQ color **41.1210, -1.0580, 19.1820** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **62.8790, 1.0580, -19.1820**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.4740, -0.5540, 21.0620**, and **3.5340, -9.9510, 9.6410** is the 20% darker color. If you saturate the color by 10%, you get **35.2290, -1.2420, 22.5180**, and if you desaturate by 10%, it is **46.4260, -0.5990, 16.3690**.

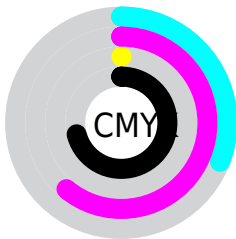
Distribution



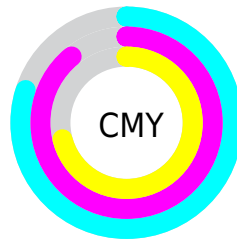
- Red (20%)
- Green (11%)
- Blue (29%)



- Red (20%)
- Yellow (11%)
- Blue (29%)



- Cyan (31%)
- Magenta (61%)
- Yellow (0%)
- Black (71%)



- Cyan (80%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.1210, -1.0580, 19.1820 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 41.1210, -1.0580, 19.1820 by changing the saturation by 10% instead.

■ 41.1210, -1.0580,
19.1820

■ 41.1210, -1.0580,
19.1820

■ 255.0000, -0.0000,
-0.0000

■ 19.0070, -0.7370,
18.8710

■ 87.4740, -0.5540,
21.0620

■ 3.5340, -9.9510,
9.6410

■ 112.3000, -0.0040,
22.1080

■ 0.1140, -0.3210,
0.3110

■ 137.8270, -0.0500,
22.9420

■ 0.0000, 0.0000,
0.0000

■ 164.3540, -0.0960,
23.7760

■ 191.7670, 0.1790,
24.2990

■ 218.4960, 2.3800,

22.9560

240.9120, 6.6000,
12.5520

41.1210, -1.0580,
19.1820

41.1210, -1.0580,
19.1820

35.2290, -1.2420,
22.5180

46.4260, -0.5990,
16.3690

30.2230, -1.1050,
25.5430

52.3180, -0.4150,
13.0330

24.3310, -1.2890,
28.8790

57.3240, -0.5520,
10.0080

19.9120, -1.4270,
31.3810

63.2160, -0.3680,
6.6720

68.5210, 0.0910,
3.8590

■ 74.1140, -0.3210,
0.3110

■ 79.4190, 0.1380,
-2.5020

■ 85.3110, 0.3220,
-5.8380

■ 90.6160, 0.7810,
-8.6510

Harmonies

Analogous

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



33.2840, -38.6060, 5.8260



41.1210, -1.0580, 19.1820



38.3750, 21.7740, 23.9020

Triad

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



41.1210, -1.0580, 19.1820



37.9090, 27.8770, -4.1150



34.9360, -29.4790, -10.9110

Complementary

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



41.1210, -1.0580, 19.1820



62.8790, 1.0580, -19.1820

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.



31.6130, -21.5000, -17.8520



41.1210, -1.0580, 19.1820



37.2120, 13.4820, -13.0620

Square

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



41.1210, -1.0580, 19.1820



36.3220, 37.3200, 6.4720



32.3730, -3.3890, -21.1890



37.4440, -36.5410, -4.0690

Rectangle

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



41.1210, -1.0580, 19.1820



35.5240, 31.5400, 23.1240



32.3730, -3.3890, -21.1890



34.0240, -26.9110, -13.3990

Sweetspot

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



41.1210, -1.0580, 19.1820



83.7430, -0.4140, 7.5060



47.7450, -21.0910, 2.2770



40.6350, -0.2300, 4.1700



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.



41.1210, -1.0580, 19.1820



43.9720, -1.6560, 30.0240



47.9980, 12.6500, 24.0580



35.0540, -0.0920, 1.6680



26.8770, -2.3460, 42.5340



60.6050, -5.2900, 95.9100

Inverse Universe

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



45.3760, 20.0330, 16.9050



50.6320, 31.3560, 26.4600



56.0020, -12.6500, -24.0580



35.4240, 1.7420, 1.4700



36.3120, 44.4210, 37.4850



81.8800, 100.1650, 84.5250

Previews

White Background



This preview shows how the YIQ color 41.1210, -1.0580, 19.1820 looks on a white background.

Color Contrast Check

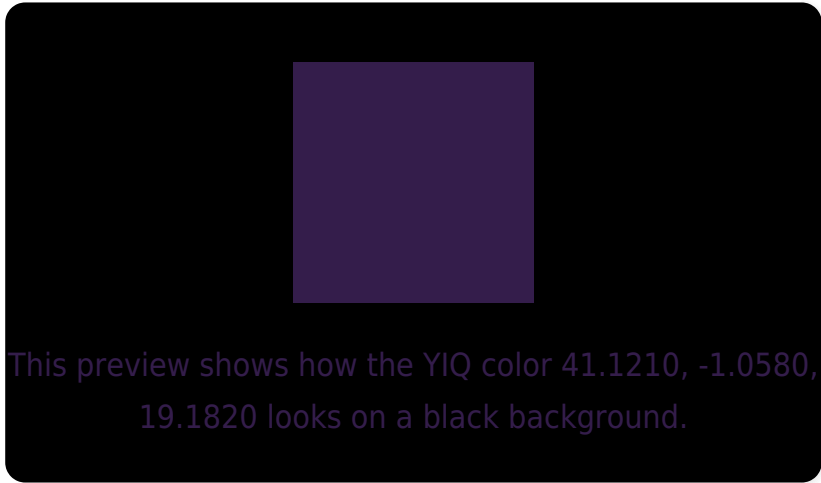
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1210, -1.0580, 19.1820

Background



This preview shows how black text looks on a background with the YIQ color 41.1210, -1.0580, 19.1820.



This preview shows how white text looks on a background with the YIQ color 41.1210, -1.0580,

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

41.1210, -1.0580, 19.1820

Protanopia

32.3550, -37.3680, 5.4160

Deuteranopia

34.9660, -29.0230, 2.8570



Tritanopia

41.4350, 3.2090, 2.4170

Trichromacy



Original Color

41.1210, -1.0580, 19.1820

Protanomaly

35.3460, -23.9810, 10.6030

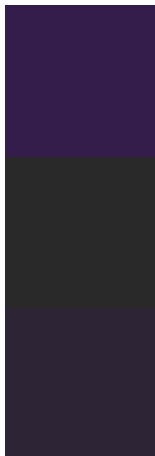
Deuteranomaly

37.5160, -18.7080, 8.6520

Tritanomaly

41.0530, 1.6490, 8.6650

Monochromacy



Original Color

41.1210, -1.0580, 19.1820

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.2160, -0.3680, 6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.1210, -1.0580, 19.1820 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(52, 29, 75)` looks like.

```
.text, #text, p{  
    color:rgb(52, 29, 75)  
}
```

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(52, 29, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 29, 75) }
```

Border

The CSS property to change the border of an element to YIQ 41.1210, -1.0580, 19.1820 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(52, 29, 75) }
```


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

```
.border{ border-color:rgb(52, 29, 75) }
```

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

Here you see how a box with a 4 pixel rgb(52, 29, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 29, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 29, 75);  
box-shadow:4px 4px 4px 4px rgb(52, 29, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.1210, -1.0580, 19.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 29, 75) }
```

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

```
.background{ background-color: rgb(52, 29,  
75) }
```

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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