

Converting Colors

YIQ(52.1720, 2.9320, 12.9480)

Have a look what the booklet for
YIQ(52.1720, 2.9320, 12.9480)
contains.

YIQ(52.1720, 2.9320, 12.9480)	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

**YIQ(52.1720, 2.9320,
12.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2B47
RGB	63, 43, 71
RGB Percent	25%, 17%, 28%
CMY	0.7529, 0.8314, 0.7216
CMYK	0.11, 0.39, 0.00, 0.72
HSL	283°, 25%, 22%
HSV	283°, 39%, 28%
XYZ	4.0518, 3.2394, 6.3725
YIQ	52.1720, 2.9320, 12.9480

Conversions

Conversions Part 2

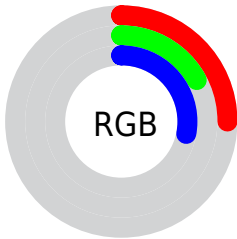
Format	Color
RYB	63, 43, 71
Decimal	4139847
CIELab	20.98, 15.28, -13.90
CIELCh	21, 20.651, 317.711
Yxy	3.2394, 0.2965, 0.2371
Android (android.graphics.Color)	4282329927 (0xFF3F2B47)
YUV	52.1720, 9.2822, 9.4962
Hunter-Lab	17.9982, 8.6873, -8.3937

Details

The YIQ color **52.1720, 2.9320, 12.9480** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **61.8280, -2.9320, -12.9480**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.1120, 3.1610, 14.3050**, and **9.7700, 4.1240, 13.3720** is the 20% darker color. If you saturate the color by 10%, you get **47.4650, 3.6650, 16.1850**, and if you desaturate by 10%, it is **56.8790, 2.1990, 9.7110**.

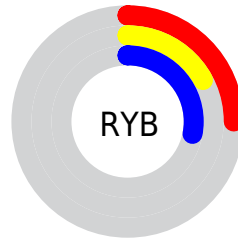
Distribution



Red (25%)

Green (17%)

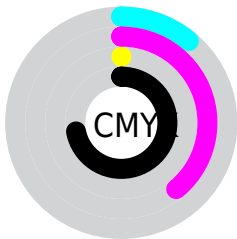
Blue (28%)



Red (25%)

Yellow (17%)

Blue (28%)

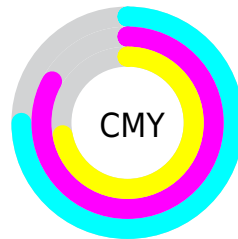


Cyan (11%)

Magenta (39%)

Yellow (0%)

Black (72%)



Cyan (75%)

Magenta (83%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.1720, 2.9320, 12.9480 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 52.1720, 2.9320, 12.9480 by changing the saturation by 10% instead.

■ 52.1720, 2.9320,
12.9480

■ 52.1720, 2.9320,
12.9480

■ 255.0000, -0.0000,
-0.0000

■ 30.6450, 2.9780,
12.1140

■ 99.1120, 3.1610,
14.3050

■ 10.0690, 4.7200,
13.5840

■ 123.8240, 4.0320,
15.0400

■ 0.0000, 0.0000,
0.0000

■ 149.9380, 3.7110,
15.3510

■ 176.3510, 3.9860,
15.8740

■ 204.3510, 3.9860,
15.8740

■ 232.0630, 4.8570,

16.6090

251.4780, 1.6500,
3.1380

52.1720, 2.9320,
12.9480

52.1720, 2.9320,
12.9480

47.4650, 3.6650,
16.1850

56.8790, 2.1990,
9.7110

42.7580, 4.3980,
19.4220

61.5860, 1.4660,
6.4740

38.0510, 5.1310,
22.6590

66.2930, 0.7330,
3.2370

33.3440, 5.8640,
25.8960

71.0000, -0.0000,
-0.0000

28.0500, 6.8720,
29.6560

75.7070, -0.7330,
-3.2370

■ 23.3430, 7.6050,
32.8930

■ 81.0010, -1.7410,
-6.9970

■ 85.7080, -2.4740,
-10.2340

■ 90.4150, -3.2070,
-13.4710

■ 95.1220, -3.9400,
-16.7080

Harmonies

Analogous

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



50.3270, -13.8020, 7.8460



52.1720, 2.9320, 12.9480



52.1150, 16.2740, 13.4420

Triad

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



52.1720, 2.9320, 12.9480



49.3040, 19.3950, -4.5810



40.7720, -34.8890, -11.9850

Complementary

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



52.1720, 2.9320, 12.9480



61.8280, -2.9320, -12.9480

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.



41.3400, -24.9850, -15.2650



52.1720, 2.9320, 12.9480



48.0530, 9.6760, -10.1640

Square

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



52.1720, 2.9320, 12.9480



50.3850, 23.8410, 2.9530



46.0450, -5.0410, -13.2730



41.7810, -39.1080, -7.1080

Rectangle

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



52.1720, 2.9320, 12.9480



51.2850, 21.5470, 11.4910



46.0450, -5.0410, -13.2730



40.2020, -33.2840, -13.5400

Sweetspot

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



52.1720, 2.9320, 12.9480



84.6460, 1.2370, 5.1170



50.8880, -11.1880, 4.5240



41.2930, 0.7330, 3.2370



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



52.1720, 2.9320, 12.9480



63.1710, 4.6730, 19.9450



53.8800, 9.6260, 12.7780



33.3530, 0.5040, 1.8800



32.5150, 10.5370, 45.8410



74.3160, 23.6850, 104.9410

Inverse Universe

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



52.2840, 14.1200, 8.4240



63.2250, 21.7760, 12.8480



60.1200, -9.6260, -12.7780



33.3100, 2.0630, 1.1590



32.7930, 50.0160, 29.6960



75.2830, 114.4270, 68.3390

Previews

White Background



This preview shows how the YIQ color 52.1720, 2.9320, 12.9480 looks on a white background.

Color Contrast Check

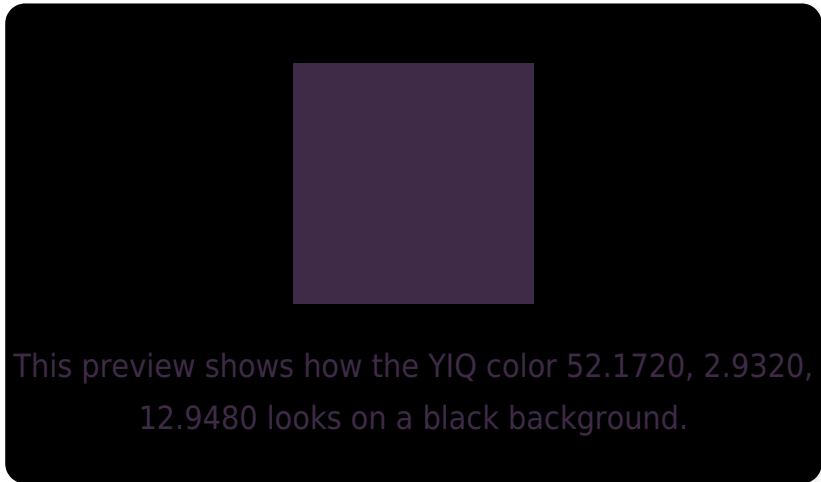
Large Text (above 18pt) WCAG AA ✓ Pass

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

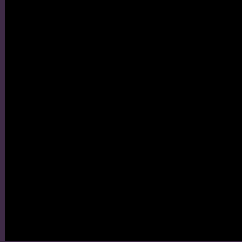
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.1720, 2.9320, 12.9480

Background



This preview shows how black text looks on a background with the YIQ color 52.1720, 2.9320, 12.9480.



This preview shows how white text looks on a background with the YIQ color 52.1720, 2.9320,

12.9480.

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

52.1720, 2.9320, 12.9480

Protanopia

50.3870, -14.0310, 6.4890

Deuteranopia

50.7850, -9.4000, 5.1600



Tritanopia

51.3430, 6.4640, 4.0000

Trichromacy



Original Color

52.1720, 2.9320, 12.9480

Protanomaly

50.7900, -7.7960, 9.1320

Deuteranomaly

51.1170, -4.4030, 8.2130

Tritanomaly

51.8530, 5.0880, 6.9120

Monochromacy



Original Color

52.1720, 2.9320, 12.9480

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.2330, 0.9620, 4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.1720, 2.9320, 12.9480 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(63, 43, 71)` looks like.

```
.text, #text, p{  
    color:rgb(63, 43, 71)  
}
```

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(63, 43, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 43, 71) }
```

Border

The CSS property to change the border of an element to YIQ 52.1720, 2.9320, 12.9480 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(63, 43, 71) }
```


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

```
.border{ border-color:rgb(63, 43, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 43, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 43, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 43, 71);  
box-shadow:4px 4px 4px 4px rgb(63, 43, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.1720, 2.9320, 12.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 43, 71) }
```

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

```
.background{ background-color: rgb(63, 43,  
71) }
```

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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