

Converting Colors

YIQ(54.1790, 10.2220, 12.9900)

Have a look what the booklet for
YIQ(54.1790, 10.2220, 12.9900)
contains.

YIQ(54.1790, 10.2220, 12.9900)	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(54.1790, 10.2220,
12.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	482B41
RGB	72, 43, 65
RGB Percent	28%, 17%, 25%
CMY	0.7176, 0.8314, 0.7451
CMYK	0.00, 0.40, 0.10, 0.72
HSL	314°, 25%, 23%
HSV	314°, 40%, 28%
XYZ	4.4918, 3.4871, 5.4383
YIQ	54.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

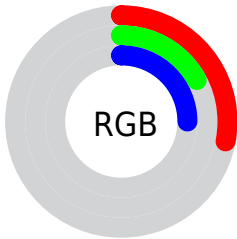
Format	Color
R_{YB}	72, 43, 65
Decimal	4729665
CIE _{Lab}	21.90, 17.42, -8.31
CIE _{LCh}	22, 19.301, 334.488
Yxy	3.4871, 0.3348, 0.2599
Android (android.graphics.Color)	4282919745 (0xFF482B41)
YUV	54.1790, 5.3348, 15.6290
Hunter-Lab	18.6738, 10.2571, -4.1950

Details

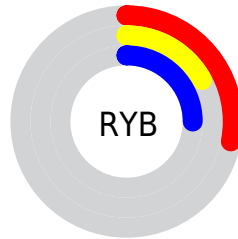
The YIQ color **54.1790, 10.2220, 12.9900** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.8210, -10.2220, -12.9900**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3040, 11.3680, 14.2480**, and **11.5920, 10.4970, 13.5130** is the 20% darker color. If you saturate the color by 10%, you get **49.8420, 12.7890, 16.0290**, and if you desaturate by 10%, it is **58.5160, 7.6550, 9.9510**.

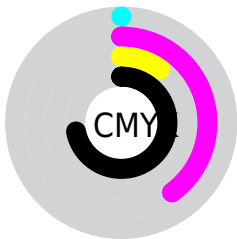
Distribution



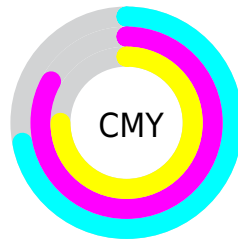
- Red (28%)
- Green (17%)
- Blue (25%)



- Red (28%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (72%)



- Cyan (72%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.1790, 10.2220, 12.9900 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 54.1790, 10.2220, 12.9900 by changing the saturation by 10% instead.

■ 54.1790, 10.2220,
12.9900

■ 54.1790, 10.2220,
12.9900

■ 255.0000, -0.0000,
-0.0000

■ 32.4670, 9.3510,
12.2550

■ 101.3040, 11.3680,
14.2480

■ 11.5920, 10.4970,
13.5130

■ 126.6030, 11.9640,
14.4600

■ 0.0000, 0.0000,
0.0000

■ 152.4290, 12.5140,
15.5060

■ 179.7280, 13.1100,
15.7180

■ 207.1410, 13.3850,
16.2410

■ 234.2440, 11.5970,

15.6050

252.0650, 1.3750,
2.6150

54.1790, 10.2220,
12.9900

54.1790, 10.2220,
12.9900

49.8420, 12.7890,
16.0290

58.5160, 7.6550,
9.9510

45.6190, 15.0350,
19.3790

62.7390, 5.4090,
6.6010

40.6950, 17.8770,
22.9410

67.6630, 2.5670,
3.0390

36.3580, 20.4440,
25.9800

72.0000, -0.0000,
0.0000

32.0210, 23.0110,
29.0190

76.3370, -2.5670,
-3.0390

■ 27.7980, 25.2570,
32.3690

■ 80.5600, -4.8130,
-6.3890

■ 84.8970, -7.3800,
-9.4280

■ 89.8210, -10.2220,
-12.9900

■ 94.1580, -12.7890,
-16.0290

Harmonies

Analogous

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



53.8830, -3.6240, 10.6160



54.1790, 10.2220, 12.9900



53.5020, 19.4380, 11.1660

Triad

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



54.1790, 10.2220, 12.9900



50.7870, 13.4810, -7.5350



42.3850, -38.0530, -9.7090

Complementary

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



54.1790, 10.2220, 12.9900



60.8210, -10.2220, -12.9900

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.



41.3760, -33.8340, -14.5860



54.1790, 10.2220, 12.9900



49.2200, 1.8360, -11.2520

Square

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



54.1790, 10.2220, 12.9900



51.8960, 20.7240, -1.1320



46.9670, -13.5690, -12.9050



42.3510, -40.7130, -5.5530

Rectangle

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



54.1790, 10.2220, 12.9900



53.2480, 22.9690, 7.7450



46.9670, -13.5690, -12.9050



42.5160, -37.0440, -11.4760

Sweetspot

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



54.1790, 10.2220, 12.9900



87.3150, 3.6670, 5.1310



48.3990, -5.1370, 10.5030



44.3640, 1.9710, 2.8270



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.



54.1790, 10.2220, 12.9900



66.3310, 15.9060, 20.1140



52.5830, 14.7160, 8.6360



33.5380, 1.4210, 1.7810



38.1510, 34.9290, 44.3130



87.4810, 80.0800, 101.6160

Inverse Universe

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



54.1790, 10.2220, 12.9900



66.3310, 15.9060, 20.1140



62.4170, -14.7160, -8.6360



33.5380, 1.4210, 1.7810



38.1510, 34.9290, 44.3130



87.4810, 80.0800, 101.6160

Previews

White Background



This preview shows how the YIQ color 54.1790, 10.2220, 12.9900 looks on a white background.

Color Contrast Check

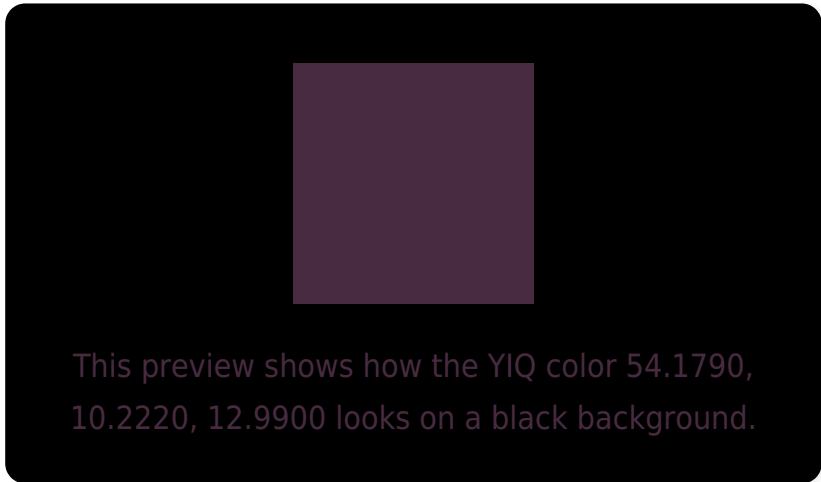
Large Text (above 18pt) WCAG AA ✓ Pass

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

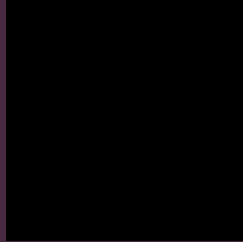
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.1790, 10.2220, 12.9900

Background



This preview shows how black text looks on a background with the YIQ color 54.1790, 10.2220, 12.9900.



This preview shows how white text looks on a background with the YIQ color 54.1790, 10.2220,

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

54.1790, 10.2220, 12.9900

Protanopia

52.7850, -9.4000, 5.1600

Deuteranopia

53.5530, -2.9350, 3.6330



Tritanopia

53.6320, 13.0200, 6.3320

Trichromacy



Original Color

54.1790, 10.2220, 12.9900

Protanomaly

53.3730, -2.2480, 7.7040

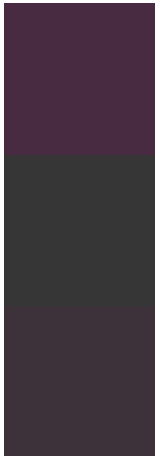
Deuteranomaly

53.9990, 1.7410, 6.9970

Tritanomaly

53.9140, 12.2860, 8.6220

Monochromacy



Original Color

54.1790, 10.2220, 12.9900

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.2010, 3.9880, 4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.1790, 10.2220, 12.9900 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(72, 43, 65)` looks like.

```
.text, #text, p{  
    color:rgb(72, 43, 65)  
}
```

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(72, 43, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 43, 65) }
```

Border

The CSS property to change the border of an element to YIQ 54.1790, 10.2220, 12.9900 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(72, 43, 65) }
```


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

```
.border{ border-color:rgb(72, 43, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 43, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 43, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 43, 65);  
box-shadow:4px 4px 4px 4px rgb(72, 43, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.1790, 10.2220, 12.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 43, 65) }
```

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

```
.background{ background-color: rgb(72, 43,  
65) }
```

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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