

Converting Colors

YIQ(54.1180, 20.2190, 2.5150)

Have a look what the booklet for
YIQ(54.1180, 20.2190, 2.5150)
contains.

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Color

**YIQ(54.1180, 20.2190,
2.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	4B2F24
RGB	75, 47, 36
RGB Percent	29%, 18%, 14%
CMY	0.7058, 0.8157, 0.8587
CMYK	0.00, 0.37, 0.52, 0.71
HSL	17°, 35%, 22%
HSV	17°, 52%, 29%
XYZ	4.2377, 3.6561, 2.1532
YIQ	54.1180, 20.2190, 2.5150

Conversions

Conversions Part 2

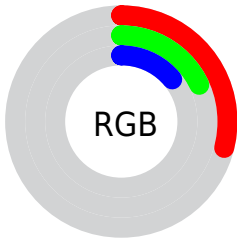
Format	Color
RYB	75, 51, 36
Decimal	4927268
CIELab	22.50, 11.35, 12.30
CIELCh	23, 16.731, 47.296
Yxy	3.6561, 0.4218, 0.3639
Android (android.graphics.Color)	4283117348 (0xFF4B2F24)
YUV	54.1180, -8.9322, 18.3135
Hunter-Lab	19.1209, 6.0987, 6.7079

Details

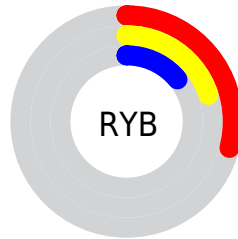
The YIQ color **54.1180, 20.2190, 2.5150** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **56.8820, -20.2190, -2.5150**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2000, 22.9240, 3.0520**, and **8.9700, 17.8800, 6.3600** is the 20% darker color. If you saturate the color by 10%, you get **50.3850, 23.8410, 2.9530**, and if you desaturate by 10%, it is **57.9650, 16.2760, 2.3880**.

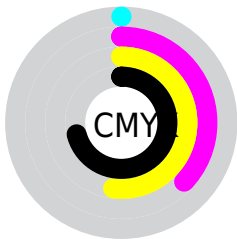
Distribution



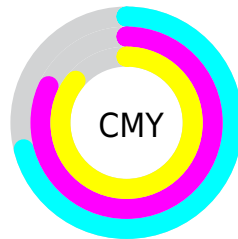
- Red (29%)
- Green (18%)
- Blue (14%)



- Red (29%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (37%)
- Yellow (52%)
- Black (71%)



- Cyan (71%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.1180, 20.2190, 2.5150 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 54.1180, 20.2190, 2.5150 by changing the saturation by 10% instead.

■ 54.1180, 20.2190,
2.5150

■ 54.1180, 20.2190,
2.5150

■ 255.0000, -0.0000,
-0.0000

■ 32.2210, 18.4310,
1.8790

■ 101.2000, 22.9240,
3.0520

■ 8.9700, 17.8800,
6.3600

■ 126.6840, 24.4370,
3.1650

■ 0.0000, 0.0000,
0.0000

■ 152.2820, 25.6290,
3.5890

■ 179.4670, 26.5460,
3.4900

■ 206.7660, 27.1420,
3.7020

■ 232.2600, 22.6950,

1.6950

■ 252.5890, 5.4110,
-4.4530

■ 54.1180, 20.2190,
2.5150

■ 54.1180, 20.2190,
2.5150

■ 50.3850, 23.8410,
2.9530

■ 57.9650, 16.2760,
2.3880

■ 45.9510, 28.0590,
3.6030

■ 62.2850, 12.3790,
1.4270

■ 42.2180, 31.6810,
4.0410

■ 66.1320, 8.4360,
1.3000

■ 37.7840, 35.8990,
4.6910

■ 70.4520, 4.5390,
0.3390

■ 34.7520, 38.9250,
4.9170

■ 74.2990, 0.5960,
0.2120

■ 78.0320, -3.0260,
-0.2260

■ 82.4660, -7.2440,
-0.8760

■ 86.1990, -10.8660,
-1.3140

■ 90.6330, -15.0840,
-1.9640

Harmonies

Analogous

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



54.5080, 19.3010, 8.1410



54.1180, 20.2190, 2.5150



53.3900, 16.2770, -3.1390

Triad

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



54.1180, 20.2190, 2.5150



48.1670, -17.0080, -11.1520



53.3550, -11.0050, 6.7150

Complementary

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



54.1180, 20.2190, 2.5150



56.8820, -20.2190, -2.5150

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.



50.4240, -24.6210, 0.1710



54.1180, 20.2190, 2.5150



44.2670, -31.9090, -10.9250

Square

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



54.1180, 20.2190, 2.5150



50.4090, -3.0700, -10.4460



44.6350, -35.7610, -7.1930



55.4060, 2.1530, 10.5450

Rectangle

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



54.1180, 20.2190, 2.5150



52.6450, 11.0050, -6.7150



44.6350, -35.7610, -7.1930



52.8490, -15.4520, 4.7080

Sweetspot

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



54.1180, 20.2190, 2.5150



88.7190, 8.1610, 0.7770



50.9670, 13.9350, 17.2870



43.4520, 4.5390, 0.3390



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.



54.1180, 20.2190, 2.5150



64.9190, 31.0850, 3.8290



65.2710, 14.9940, -7.4220



36.3700, 1.8340, -0.1980



47.5210, 52.8170, 6.4570



106.9250, 119.2050, 14.7650

Inverse Universe

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



56.8820, -20.2190, -2.5150



69.0810, -31.0850, -3.8290



45.7290, -14.9940, 7.4220



36.2170, -2.1090, -0.3250



54.4790, -52.8170, -6.4570



123.0750, -119.2050, -14.7650

Previews

White Background



This preview shows how the YIQ color 54.1180, 20.2190, 2.5150 looks on a white background.

Color Contrast Check

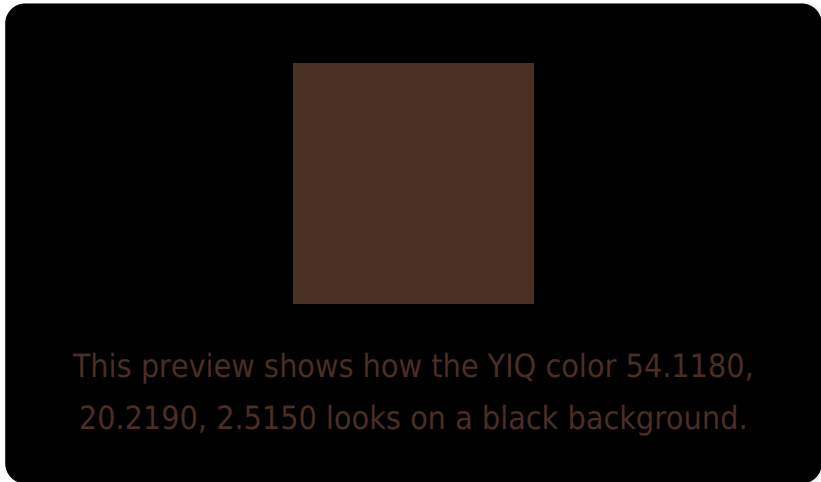
Large Text (above 18pt) WCAG AA ✓ Pass

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

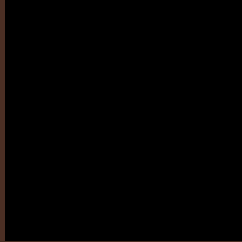
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.1180, 20.2190, 2.5150

Background



This preview shows how black text looks on a background with the YIQ color 54.1180, 20.2190, 2.5150.



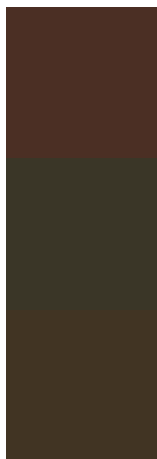
This preview shows how white text looks on a background with the YIQ color 54.1180, 20.2190,

2.5150.

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

54.1180, 20.2190, 2.5150

Protanopia

53.4860, 7.1990, -3.8170

Deuteranopia

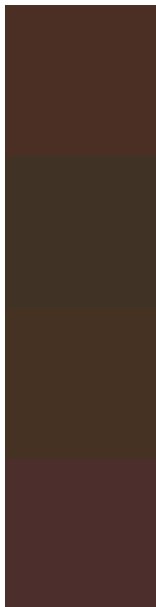
53.9490, 13.2050, -2.5310



Tritanopia

54.7250, 17.1920, 7.8160

Trichromacy



Original Color

54.1180, 20.2190, 2.5150

Protanomaly

53.4050, 11.9210, -1.2870

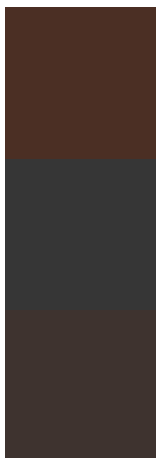
Deuteranomaly

53.9710, 16.1390, -0.6370

Tritanomaly

54.7420, 18.5220, 5.7380

Monochromacy



Original Color

54.1180, 20.2190, 2.5150

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.8330, 7.8400, 1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.1180, 20.2190, 2.5150 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(75, 47, 36)` looks like.

```
.text, #text, p{  
    color:rgb(75, 47, 36)  
}
```

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(75, 47, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 47, 36) }
```

Border

The CSS property to change the border of an element to YIQ 54.1180, 20.2190, 2.5150 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(75, 47, 36) }
```


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

```
.border{ border-color:rgb(75, 47, 36) }
```

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

Here you see how a box with a 4 pixel rgb(75, 47, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 47, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 47, 36);  
box-shadow:4px 4px 4px 4px rgb(75, 47, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.1180, 20.2190, 2.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 47, 36) }
```

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

```
.background{ background-color: rgb(75, 47,  
36) }
```

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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