

Converting Colors

YIQ(53.7120, 27.2340, 2.0340)

Have a look what the booklet for
YIQ(53.7120, 27.2340, 2.0340)
contains.

YIQ(53.7120, 27.2340, 2.0340)	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(53.7120, 27.2340,
2.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	512D1B
RGB	81, 45, 27
RGB Percent	32%, 18%, 11%
CMY	0.6823, 0.8236, 0.8940
CMYK	0.00, 0.44, 0.67, 0.68
HSL	20°, 50%, 21%
HSV	20°, 67%, 32%
XYZ	4.5310, 3.7051, 1.5151
YIQ	53.7120, 27.2340, 2.0340

Conversions

Conversions Part 2

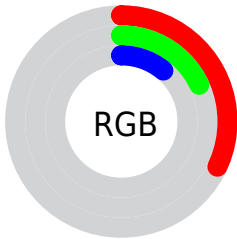
Format	Color
R_{YB}	81, 54, 27
Decimal	5319963
CIE _{Lab}	22.67, 14.61, 18.57
CIE _{LCh}	23, 23.627, 51.808
Yxy	3.7051, 0.4647, 0.3800
Android (android.graphics.Color)	4283510043 (0xFF512D1B)
YUV	53.7120, -13.1690, 23.9316
Hunter-Lab	19.2485, 8.3327, 8.8070




Details

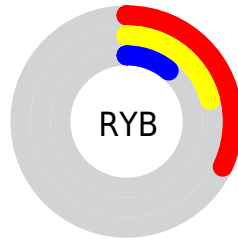
The YIQ color **53.7120, 27.2340, 2.0340** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **54.2880, -27.2340, -2.0340**, and the grayscale version is **54.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **101.2780, 31.4520, 2.6840**, and **10.1660, 20.2640, 7.2080** is the 20% darker color. If you saturate the color by 10%, you get **49.8650, 31.1770, 2.1610**, and if you desaturate by 10%, it is **57.5590, 23.2910, 1.9070**.

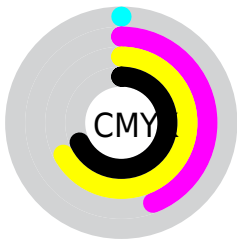
Distribution







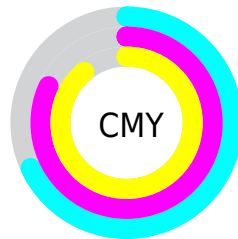
-  Red (32%)
-  Green (18%)
-  Blue (11%)






-  Red (32%)
-  Yellow (21%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (44%)
-  Yellow (67%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (82%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7120, 27.2340, 2.0340 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 53.7120, 27.2340, 2.0340 by changing the saturation by 10% instead.

■ 53.7120, 27.2340,
2.0340

■ 53.7120, 27.2340,
2.0340

■ 255.0000, -0.0000,
-0.0000

■ 31.3590, 26.7300,
0.1540

■ 101.2780, 31.4520,
2.6840

■ 10.1660, 20.2640,
7.2080

■ 126.7620, 32.9650,
2.7970

■ 0.0000, 0.0000,
0.0000

■ 152.5450, 35.0740,
3.1220

■ 179.7300, 35.9910,
3.0230

■ 207.3280, 37.1830,
3.4470

■ 229.8320, 26.7760,

-0.6800

250.0470, 9.8130,
-7.1390

53.7120, 27.2340,
2.0340

53.7120, 27.2340,
2.0340

49.8650, 31.1770,
2.1610

57.5590, 23.2910,
1.9070

45.4310, 35.3950,
2.8110

61.9930, 19.0730,
1.2570

41.5840, 39.3380,
2.9380

65.8400, 15.1300,
1.1300

40.0680, 40.8510,
3.0510

70.2740, 10.9120,
0.4800

74.2350, 6.6480,
0.6640

■ 78.0820, 2.7050,
0.5370

■ 82.5160, -1.5130,
-0.1130

■ 86.3630, -5.4560,
-0.2400

■ 90.7970, -9.6740,
-0.8900

Harmonies

Analogous

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



54.2810, 27.3700, 10.5860



53.7120, 27.2340, 2.0340



53.2070, 21.0460, -6.9700

Triad

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



53.7120, 27.2340, 2.0340



42.5670, -33.0540, -17.7100



53.9080, -13.9400, 10.3480

Complementary

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



53.7120, 27.2340, 2.0340



54.2880, -27.2340, -2.0340

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.



44.5020, -42.4560, -1.4960



53.7120, 27.2340, 2.0340



44.6190, -38.8320, -12.1120

Square

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



53.7120, 27.2340, 2.0340



48.7240, -8.5710, -15.3790



45.0410, -42.7760, -6.7120



55.7210, 5.8200, 15.6760

Rectangle

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



53.7120, 27.2340, 2.0340



51.6790, 13.6650, -10.8710



45.0410, -42.7760, -6.7120



52.9070, -21.3670, 7.2810

Sweetspot

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



53.7120, 27.2340, 2.0340



94.3880, 10.5910, 0.7910



47.3640, 20.3070, 22.9550



47.2350, 6.6480, 0.6640



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



53.7120, 27.2340, 2.0340



62.5520, 42.3640, 3.1640



68.9740, 20.0840, -11.5640



38.7830, 2.1090, 0.3250



51.9400, 52.9550, 3.9550



114.5670, 117.0970, 8.9130

Inverse Universe

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



54.2880, -27.2340, -2.0340



63.4480, -42.3640, -3.1640



39.0260, -20.0840, 11.5640



38.6300, -1.8340, 0.1980



53.0600, -52.9550, -3.9550



117.4330, -117.0970, -8.9130

Previews

White Background



This preview shows how the YIQ color 53.7120, 27.2340, 2.0340 looks on a white background.

Color Contrast Check

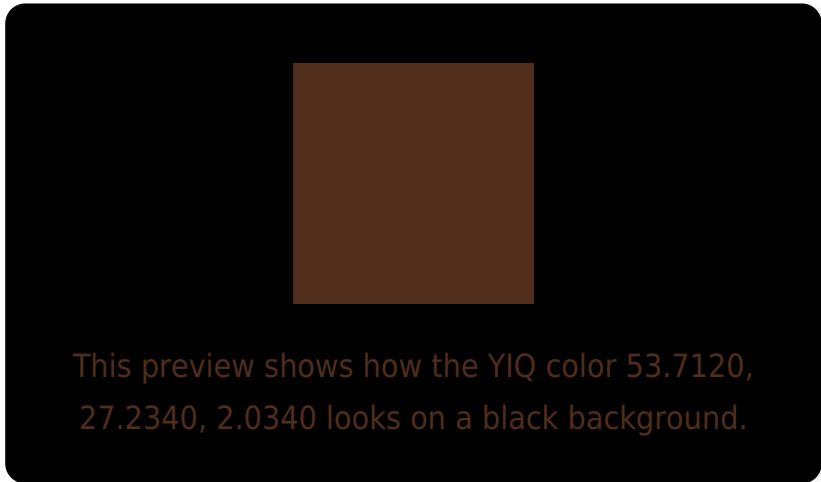
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7120, 27.2340, 2.0340

Background



This preview shows how black text looks on a background with the YIQ color 53.7120, 27.2340, 2.0340.

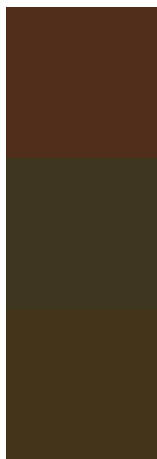


This preview shows how white text looks on a background with the YIQ color 53.7120, 27.2340,

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

53.7120, 27.2340, 2.0340

Protanopia

53.6450, 11.0050, -6.7150

Deuteranopia

53.7060, 18.2030, -5.0050



Tritanopia

55.0030, 22.2810, 9.2010

Trichromacy



Original Color

53.7120, 27.2340, 2.0340

Protanomaly

53.5750, 17.1940, -3.2380

Deuteranomaly

53.5540, 21.6870, -2.0650

Tritanomaly

54.7920, 24.2530, 6.5010

Monochromacy



Original Color

53.7120, 27.2340, 2.0340

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.0890, 9.9950, 0.5790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7120, 27.2340, 2.0340 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(81, 45, 27)` looks like.

```
.text, #text, p{  
    color:rgb(81, 45, 27)  
}
```

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(81, 45, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 45, 27) }
```

Border

The CSS property to change the border of an element to YIQ 53.7120, 27.2340, 2.0340 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(81, 45, 27) }
```


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

```
.border{ border-color:rgb(81, 45, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 45, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 45, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 45, 27);  
box-shadow:4px 4px 4px 4px rgb(81, 45, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.7120, 27.2340, 2.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 45, 27) }
```

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

```
.background{ background-color: rgb(81, 45,  
27) }
```

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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