

Converting Colors

YIQ(52.7400, 22.0040, 19.7320)

Have a look what the booklet for
YIQ(52.7400, 22.0040, 19.7320)
contains.

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Color

**YIQ(52.7400, 22.0040,
19.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	56223E
RGB	86, 34, 62
RGB Percent	34%, 13%, 24%
CMY	0.6626, 0.8667, 0.7568
CMYK	0.00, 0.61, 0.28, 0.66
HSL	328°, 43%, 24%
HSV	328°, 61%, 34%
XYZ	5.2824, 3.4709, 4.9514
YIQ	52.7400, 22.0040, 19.7320

Conversions

Conversions Part 2

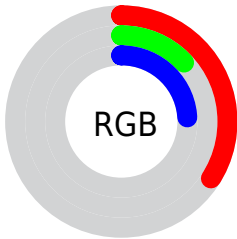
Format	Color
RYB	86, 34, 62
Decimal	5644862
CIELab	21.84, 27.71, -6.15
CIELCh	22, 28.385, 347.492
Yxy	3.4709, 0.3854, 0.2533
Android (android.graphics.Color)	4283834942 (0xFF56223E)
YUV	52.7400, 4.5652, 29.1690
Hunter-Lab	18.6305, 18.0082, -2.7161

Details

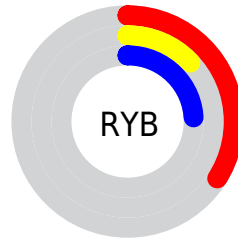
The YIQ color **52.7400, 22.0040, 19.7320** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.2600, -22.0040, -19.7320**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.2350, 24.9840, 20.7920**, and **14.5390, 18.0160, 14.9120** is the 20% darker color. If you saturate the color by 10%, you get **47.0010, 25.7630, 23.1950**, and if you desaturate by 10%, it is **58.4790, 18.2450, 16.2690**.

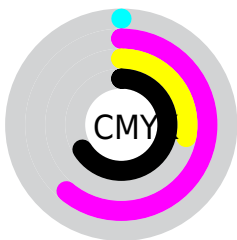
Distribution



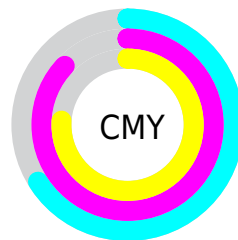
- Red (34%)
- Green (13%)
- Blue (24%)



- Red (34%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (28%)
- Black (66%)



- Cyan (66%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.7400, 22.0040, 19.7320 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 52.7400, 22.0040, 19.7320 by changing the saturation by 10% instead.

■ 52.7400, 22.0040,
19.7320

■ 52.7400, 22.0040,
19.7320

■ 255.0000, -0.0000,
-0.0000

■ 28.6690, 20.7660,
20.1420

■ 101.3490, 24.6630,
21.1030

■ 14.5390, 18.0160,
14.9120

■ 126.9470, 25.8550,
21.5270

■ 0.0000, 0.0000,
0.0000

■ 153.2460, 26.4510,
21.7390

■ 180.2570, 27.9180,
22.6860

■ 207.9690, 28.7890,
23.4210

■ 229.0920, 15.0810,

18.5450

247.3690, 3.5750,
6.7990

52.7400, 22.0040,
19.7320

52.7400, 22.0040,
19.7320

47.0010, 25.7630,
23.1950

58.4790, 18.2450,
16.2690

41.8490, 29.2470,
26.1350

63.6310, 14.7610,
13.3290

36.1100, 33.0060,
29.5980

69.3700, 11.0020,
9.8660

30.9580, 36.4900,
32.5380

74.5220, 7.5180,
6.9260

80.2610, 3.7590,
3.4630

■ 86.0000, -0.0000,
-0.0000

■ 91.1520, -3.4840,
-2.9400

■ 96.8910, -7.2430,
-6.4030

■ 102.0430,
-10.7270, -9.3430

Harmonies

Analogous

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



53.9320, 3.8480, 18.3760



52.7400, 22.0040, 19.7320



51.2540, 32.0000, 14.7840

Triad

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



52.7400, 22.0040, 19.7320



48.7450, 13.2990, -15.2530



45.2690, -43.4180, -6.0900

Complementary

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



52.7400, 22.0040, 19.7320



67.2600, -22.0040, -19.7320

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.



43.6900, -37.5940, -12.5220



52.7400, 22.0040, 19.7320



45.8010, -7.4700, -18.8140

Square

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



52.7400, 22.0040, 19.7320



50.3170, 26.5480, -7.5640



41.2960, -30.8530, -19.0530



44.0610, -45.5280, -0.8880

Rectangle

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



52.7400, 22.0040, 19.7320



51.2230, 33.2850, 8.0130



41.2960, -30.8530, -19.0530



45.1720, -41.7670, -8.4790

Sweetspot

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



52.7400, 22.0040, 19.7320



99.2340, 8.3890, 7.6610



46.8050, -2.9840, 21.0480



48.2720, 5.2260, 4.4100



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



52.7400, 22.0040, 19.7320



59.5340, 34.7480, 31.0680



49.8900, 30.0290, 11.9570



40.4240, 1.7420, 1.4700



38.6050, 45.1540, 40.7220



84.6290, 99.6140, 89.0060

Inverse Universe

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



52.7400, 22.0040, 19.7320



59.5340, 34.7480, 31.0680



70.1100, -30.0290, -11.9570



40.4240, 1.7420, 1.4700



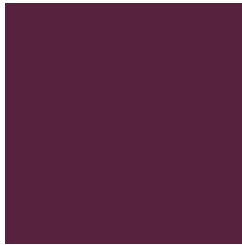
38.6050, 45.1540, 40.7220



84.6290, 99.6140, 89.0060

Previews

White Background



This preview shows how the YIQ color 52.7400, 22.0040, 19.7320 looks on a white background.

Color Contrast Check

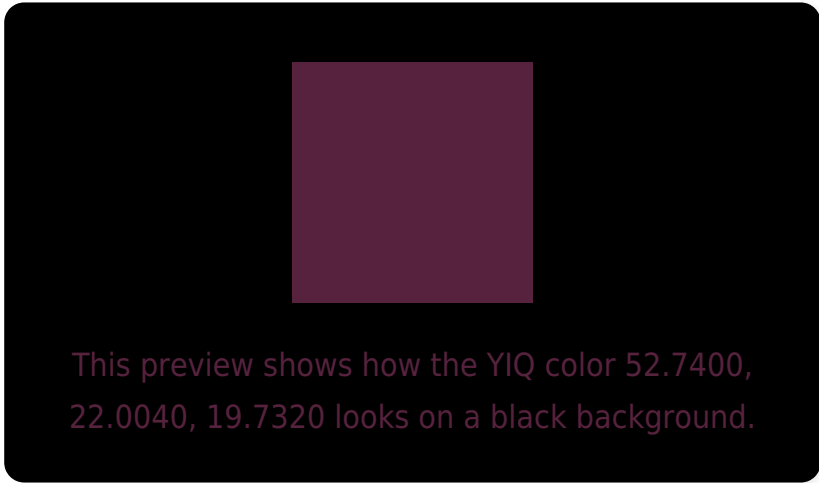
Large Text (above 18pt) WCAG AA ✓ Pass

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

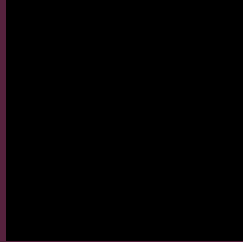
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.7400, 22.0040, 19.7320

Background



This preview shows how black text looks on a background with the YIQ color 52.7400, 22.0040, 19.7320.



This preview shows how white text looks on a background with the YIQ color 52.7400, 22.0040,

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

52.7400, 22.0040, 19.7320

Protanopia

53.4150, -11.2340, 5.3580

Deuteranopia

53.9940, 0.1370, 3.0250



Tritanopia

52.6830, 26.1780, 10.1620

Trichromacy



Original Color

52.7400, 22.0040, 19.7320

Protanomaly

53.2210, 1.2360, 10.6440

Deuteranomaly

53.2880, 8.2970, 9.3290

Tritanomaly

52.7200, 24.7560, 13.9080

Monochromacy



Original Color

52.7400, 22.0040, 19.7320

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.8210, 8.1140, 7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.7400, 22.0040, 19.7320 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(86, 34, 62)` looks like.

```
.text, #text, p{  
    color:rgb(86, 34, 62)  
}
```

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(86, 34, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 34, 62) }
```

Border

The CSS property to change the border of an element to YIQ 52.7400, 22.0040, 19.7320 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(86, 34, 62) }
```


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

```
.border{ border-color:rgb(86, 34, 62) }
```

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

Here you see how a box with a 4 pixel rgb(86, 34, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 34, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 34, 62);  
box-shadow:4px 4px 4px 4px rgb(86, 34, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.7400, 22.0040, 19.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 34, 62) }
```

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

```
.background{ background-color: rgb(86, 34,  
62) }
```

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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