

Converting Colors

YIQ(52.7580, 22.7340, 39.5500)

Have a look what the booklet for
YIQ(52.7580, 22.7340, 39.5500)
contains.

YIQ(52.7580, 22.7340, 39.5500)	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(52.7580, 22.7340,
39.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	63155F
RGB	99, 21, 95
RGB Percent	39%, 8%, 37%
CMY	0.6115, 0.9178, 0.6274
CMYK	0.00, 0.79, 0.04, 0.61
HSL	303°, 65%, 24%
HSV	303°, 79%, 39%
XYZ	7.4856, 4.0175, 11.2094
YIQ	52.7580, 22.7340, 39.5500

Conversions

Conversions Part 2

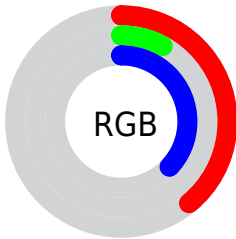
Format	Color
RYB	99, 21, 95
Decimal	6493535
CIELab	23.73, 43.07, -25.24
CIELCh	24, 49.923, 329.635
Yxy	4.0175, 0.3296, 0.1769
Android (android.graphics.Color)	4284683615 (0xFF63155F)
YUV	52.7580, 20.8253, 40.5542
Hunter-Lab	20.0437, 31.5866, -19.1273




Details

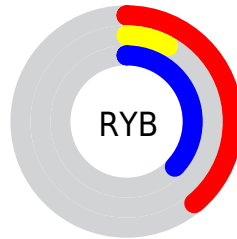
The YIQ color **52.7580, 22.7340, 39.5500** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **67.2420, -22.7340, -39.5500**, and the grayscale version is **53.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **105.5300, 23.3760, 38.9280**, and **20.1230, 13.7960, 25.3160** is the 20% darker color. If you saturate the color by 10%, you get **46.7740, 25.8050, 44.4690**, and if you desaturate by 10%, it is **58.7420, 19.6630, 34.6310**.

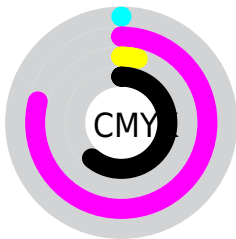
Distribution







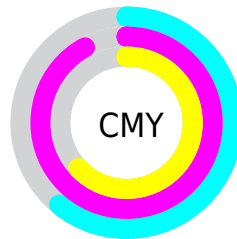
-  Red (39%)
-  Green (8%)
-  Blue (37%)






-  Red (39%)
-  Yellow (8%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (4%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (92%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.7580, 22.7340, 39.5500 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 52.7580, 22.7340, 39.5500 by changing the saturation by 10% instead.

■ 52.7580, 22.7340,
39.5500

■ 52.7580, 22.7340,
39.5500

■ 255.0000, -0.0000,
-0.0000

■ 29.9210, 20.7170,
37.5570

■ 105.5300, 23.3760,
38.9280

■ 20.4220, 14.3920,
25.5280

■ 131.6550, 24.5220,
40.1860

■ 9.3570, 3.8490,
12.8490

■ 158.9540, 25.1180,
40.3980


■ 0.0000, 0.0000,
0.0000

■ 186.0790, 26.2640,
41.6560


■ 210.9750, 20.6250,
39.2250


■ 227.4110, 12.9250,


24.5810


 244.4340, 4.9500,
9.4140


 52.7580, 22.7340,
39.5500


 52.7580, 22.7340,
39.5500


 46.7740, 25.8050,
44.4690


 58.7420, 19.6630,
34.6310

 40.9040, 28.5550,
49.6990

 64.6120, 16.9130,
29.4010

 40.3170, 28.8300,
50.2220

 70.5960, 13.8420,
24.4820

 76.4660, 11.0920,
19.2520

 82.4500, 8.0210,
14.3330

■ 87.7330, 5.5460,
9.6260

■ 93.7170, 2.4750,
4.7070

■ 99.5870, -0.2750,
-0.5230

■ 105.5710, -3.3460,
-5.4420

Harmonies

Analogous

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



55.0770, -24.1210, 24.1590



52.7580, 22.7340, 39.5500



42.0080, 51.3890, 43.3650

Triad

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



52.7580, 22.7340, 39.5500



53.5140, 27.1910, -13.7130



52.8660, -49.6530, -8.7330

Complementary

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



52.7580, 22.7340, 39.5500



67.2420, -22.7340, -39.5500

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.



48.5340, -37.4550, -20.5510



52.7580, 22.7340, 39.5500



48.3210, 2.3890, -26.7870

Square

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



52.7580, 22.7340, 39.5500



51.9070, 48.5540, 1.1140



42.0990, -23.4690, -31.7330



54.4110, -58.1370, 1.8550

Rectangle

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



52.7580, 22.7340, 39.5500



39.4570, 60.0100, 35.8020



42.0990, -23.4690, -31.7330



51.4980, -45.8010, -12.4650

Sweetspot

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



52.7580, 22.7340, 39.5500



111.5750, 9.1670, 15.5910



31.0880, -22.6540, 25.1060



54.7330, 5.5460, 9.6260



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



52.7580, 22.7340, 39.5500



57.1150, 35.7510, 62.4630



48.3120, 35.2530, 27.4210



45.6520, 1.1000, 2.0920



45.5720, 32.7260, 56.7100



97.6380, 70.1730, 121.4770

Inverse Universe

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



52.7580, 22.7340, 39.5500



57.1150, 35.7510, 62.4630



71.6880, -35.2530, -27.4210



45.6520, 1.1000, 2.0920



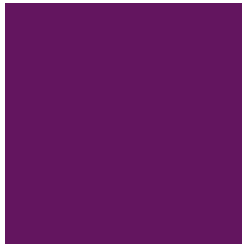
45.5720, 32.7260, 56.7100



97.6380, 70.1730, 121.4770

Previews

White Background



This preview shows how the YIQ color 52.7580, 22.7340, 39.5500 looks on a white background.

Color Contrast Check

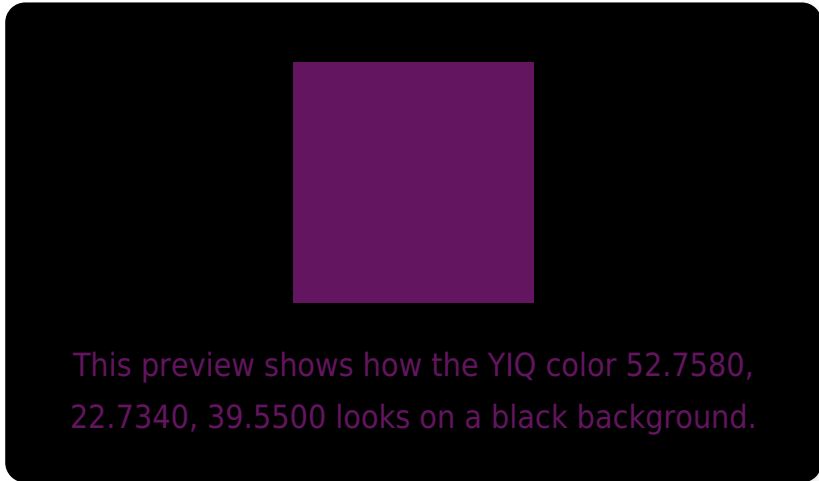
Large Text (above 18pt) WCAG AA ✓ Pass

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

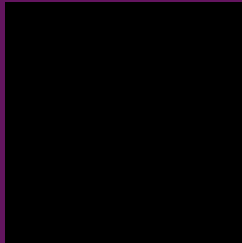
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.7580, 22.7340, 39.5500

Background



This preview shows how black text looks on a background with the YIQ color 52.7580, 22.7340, 39.5500.



This preview shows how white text looks on a background with the YIQ color 52.7580, 22.7340,

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

52.7580, 22.7340, 39.5500

Protanopia

46.4380, -53.5990, 7.7210

Deuteranopia

56.8640, -19.8080, 6.5600



Tritanopia

57.1890, 30.6250, 12.1690

Trichromacy



Original Color

52.7580, 22.7340, 39.5500

Protanomaly

48.5450, -25.6790, 19.3530

Deuteranomaly

55.7400, -4.3590, 18.4330

Tritanomaly

55.8440, 27.6430, 22.1630

Monochromacy



Original Color

52.7580, 22.7340, 39.5500

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.7490, 8.6170, 14.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.7580, 22.7340, 39.5500 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(99, 21, 95)` looks like.

```
.text, #text, p{  
    color:rgb(99, 21, 95)  
}
```

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(99, 21, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 21, 95) }
```

Border

The CSS property to change the border of an element to YIQ 52.7580, 22.7340, 39.5500 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(99, 21, 95) }
```


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

```
.border{ border-color:rgb(99, 21, 95) }
```

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

Here you see how a box with a 4 pixel rgb(99, 21, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 21, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 21, 95);  
box-shadow:4px 4px 4px 4px rgb(99, 21, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.7580, 22.7340, 39.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 21, 95) }
```

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

```
.background{ background-color: rgb(99, 21,  
95) }
```

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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