

Converting Colors

YIQ(52.5300, 23.3760, 38.9280)

Have a look what the booklet for
YIQ(52.5300, 23.3760, 38.9280)
contains.

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Color

**YIQ(52.5300, 23.3760,
38.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	63155D
RGB	99, 21, 93
RGB Percent	39%, 8%, 36%
CMY	0.6115, 0.9178, 0.6353
CMYK	0.00, 0.79, 0.06, 0.61
HSL	305°, 65%, 24%
HSV	305°, 79%, 39%
XYZ	7.3958, 3.9816, 10.7368
YIQ	52.5300, 23.3760, 38.9280

Conversions

Conversions Part 2

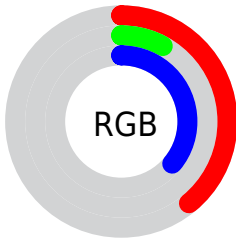
Format	Color
R_{YB}	99, 21, 93
Decimal	6493533
CIE _{Lab}	23.61, 42.73, -24.11
CIE _{LCh}	24, 49.057, 330.569
Yxy	3.9816, 0.3344, 0.1800
Android (android.graphics.Color)	4284683613 (0xFF63155D)
YUV	52.5300, 19.9517, 40.7542
Hunter-Lab	19.9539, 31.2406, -17.9352

Details

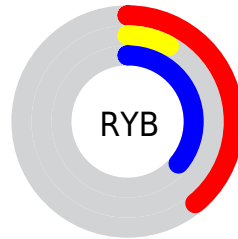
The YIQ color **52.5300, 23.3760, 38.9280** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **67.4700, -23.3760, -38.9280**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.3020, 24.0180, 38.3060**, and **20.3080, 14.7130, 25.2170** is the 20% darker color. If you saturate the color by 10%, you get **46.5460, 26.4470, 43.8470**, and if you desaturate by 10%, it is **58.5140, 20.3050, 34.0090**.

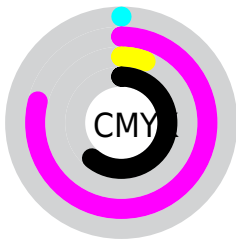
Distribution



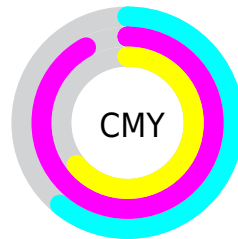
- Red (39%)
- Green (8%)
- Blue (36%)



- Red (39%)
- Yellow (8%)
- Blue (36%)



- Cyan (0%)
- Magenta (79%)
- Yellow (6%)
- Black (61%)



- Cyan (61%)
- Magenta (92%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.5300, 23.3760, 38.9280 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 52.5300, 23.3760, 38.9280 by changing the saturation by 10% instead.

■ 52.5300, 23.3760,
38.9280

■ 52.5300, 23.3760,
38.9280

■ 255.0000, -0.0000,
-0.0000

■ 29.6930, 21.3590,
36.9350

■ 105.3020, 24.0180,
38.3060

■ 20.3080, 14.7130,
25.2170

■ 131.3130, 25.4850,
39.2530

■ 9.1290, 4.4910,
12.2270

■ 158.1390, 26.0350,
40.2990


■ 0.0000, 0.0000,
0.0000


■ 185.8510, 26.9060,
41.0340


■ 210.9750, 20.6250,
39.2250


■ 227.4110, 12.9250,


24.5810


 244.4340, 4.9500,
9.4140


 52.5300, 23.3760,
38.9280


 52.5300, 23.3760,
38.9280


 46.5460, 26.4470,
43.8470


 58.5140, 20.3050,
34.0090


 40.5620, 29.5180,
48.7660

 64.4980, 17.2340,
29.0900

 39.9750, 29.7930,
49.2890

 70.3680, 14.4840,
23.8600

 76.3520, 11.4130,
18.9410

 82.3360, 8.3420,
14.0220

■ 87.7330, 5.5460,
9.6260

■ 93.6030, 2.7960,
4.3960

■ 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.



55.6320, -21.3700, 23.8620



52.5300, 23.3760, 38.9280



41.4810, 51.4350, 42.5310

Triad

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



52.5300, 23.3760, 38.9280



53.2150, 26.5950, -13.9250



52.2790, -49.3780, -8.2100

Complementary

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



52.5300, 23.3760, 38.9280



67.4700, -23.3760, -38.9280

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.



48.0610, -37.5010, -19.7170



52.5300, 23.3760, 38.9280



47.4350, 2.0680, -26.4760

Square

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



52.5300, 23.3760, 38.9280



52.1950, 47.6830, 0.3790



42.3270, -24.1110, -31.1110



54.2970, -57.8160, 1.5440

Rectangle

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



52.5300, 23.3760, 38.9280



40.2180, 59.1850, 34.2330



42.3270, -24.1110, -31.1110



50.9110, -45.5260, -11.9420

Sweetspot

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



52.5300, 23.3760, 38.9280



111.5750, 9.1670, 15.5910



31.3870, -22.0580, 25.3180



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.



52.5300, 23.3760, 38.9280



56.6590, 37.0350, 61.2190



48.1980, 35.5740, 27.1100



45.6520, 1.1000, 2.0920



45.3440, 33.3680, 56.0880



96.9540, 72.0990, 119.6110

Inverse Universe

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



52.5300, 23.3760, 38.9280



56.6590, 37.0350, 61.2190



71.8020, -35.5740, -27.1100



45.6520, 1.1000, 2.0920



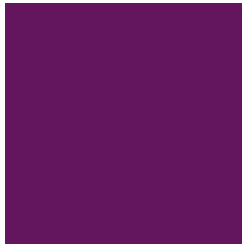
45.3440, 33.3680, 56.0880



96.9540, 72.0990, 119.6110

Previews

White Background



This preview shows how the YIQ color 52.5300, 23.3760, 38.9280 looks on a white background.

Color Contrast Check

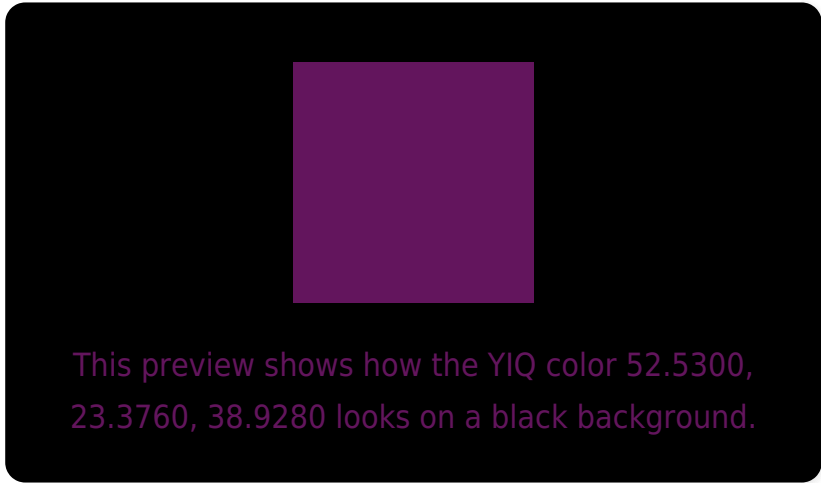
Large Text (above 18pt) WCAG AA ✓ Pass

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

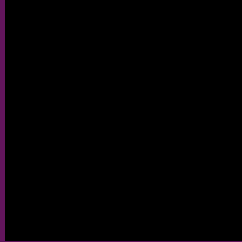
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.5300, 23.3760, 38.9280

Background



This preview shows how black text looks on a background with the YIQ color 52.5300, 23.3760, 38.9280.



This preview shows how white text looks on a background with the YIQ color 52.5300, 23.3760,

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

52.5300, 23.3760, 38.9280

Protanopia

46.4380, -53.5990, 7.7210

Deuteranopia

57.2340, -17.9740, 6.3620



Tritanopia

56.4880, 31.2210, 12.3810

Trichromacy



Original Color

52.5300, 23.3760, 38.9280

Protanomaly

48.5450, -25.6790, 19.3530

Deuteranomaly

55.8110, -3.1210, 18.0230

Tritanomaly

55.0290, 28.5600, 22.0640

Monochromacy



Original Color

52.5300, 23.3760, 38.9280

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 52.5300, 23.3760, 38.9280 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(99, 21, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 21, 93) }
```

Border

The CSS property to change the border of an element to YIQ 52.5300, 23.3760, 38.9280 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, 93) }
```


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

```
.border{ border-color:rgb(99, 21, 93) }
```

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, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 21, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 21, 93);  
box-shadow:4px 4px 4px 4px rgb(99, 21, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.5300, 23.3760, 38.9280 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, 93) }
```

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

```
.background{ background-color: rgb(99, 21,  
93) }
```

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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