

Converting Colors

YIQ(53.4920, -53.6910, 9.3890)

Have a look what the booklet for
YIQ(53.4920, -53.6910, 9.3890)
contains.

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Color

**YIQ(53.4920, -53.6910,
9.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	083E81
RGB	8, 62, 129
RGB Percent	3%, 24%, 51%
CMY	0.9686, 0.7568, 0.4944
CMYK	0.94, 0.52, 0.00, 0.49
HSL	213°, 88%, 27%
HSV	213°, 94%, 51%
XYZ	5.7817, 5.0824, 21.4216
YIQ	53.4920, -53.6910, 9.3890

Conversions

Conversions Part 2

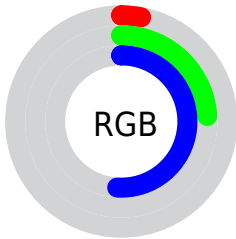
Format	Color
R_{YB}	8, 45, 129
Decimal	540289
CIE _{Lab}	26.97, 11.43, -42.24
CIE _{LCh}	27, 43.759, 285.147
Yxy	5.0824, 0.1791, 0.1574
Android (android.graphics.Color)	4278730369 (0xFF083E81)
YUV	53.4920, 37.2254, -39.8965
Hunter-Lab	22.5442, 6.3258, -40.5568

Details

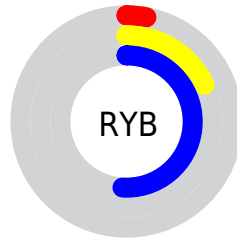
The YIQ color **53.4920, -53.6910, 9.3890** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.5080, 53.6910, -9.3890**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **108.4660, -41.6340, 16.6540**, and **21.3330, -31.1340, 13.5860** is the 20% darker color. If you saturate the color by 10%, you get **48.7520, -57.3590, 9.7850**, and if you desaturate by 10%, it is **61.4880, -47.8680, 8.4840**.

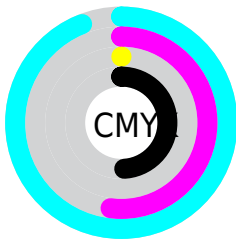
Distribution



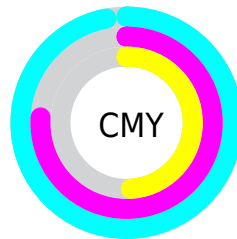
- Red (3%)
- Green (24%)
- Blue (51%)



- Red (3%)
- Yellow (18%)
- Blue (51%)



- Cyan (94%)
- Magenta (52%)
- Yellow (0%)
- Black (49%)



- Cyan (97%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.4920, -53.6910, 9.3890 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 53.4920, -53.6910, 9.3890 by changing the saturation by 10% instead.

■ 53.4920, -53.6910,
9.3890

■ 53.4920, -53.6910,
9.3890

■ 255.0000, -0.0000,
-0.0000

■ 35.8090, -44.3380,
10.5900

■ 108.3520,
-41.3130, 16.3430

■ 21.3330, -31.1340,
13.5860

■ 134.8900,
-39.8920, 18.1240

■ 9.2050, -19.0300,
14.4900

■ 161.8300,
-39.6630, 19.4810

■ 4.9360, -11.1430,
9.2170

■ 187.8750,
-35.5360, 16.2720

■ 0.6840, -1.9260,
1.8660

■ 212.6830,
-26.5480, 7.5640

■ 0.0000, 0.0000,
0.0000

■ 237.7900,

-16.9640, -0.9320

253.8040, -2.3840,
-0.8480

■ 53.4920, -53.6910,
9.3890

■ 53.4920, -53.6910,
9.3890

■ 48.7520, -57.3590,
9.7850

■ 61.4880, -47.8680,
8.4840

■ 69.4840, -42.0450,
7.5790

■ 77.4800, -36.2220,
6.6740

■ 86.0630, -30.6740,
5.2460

■ 93.7600, -25.4470,
4.1290

■ 101.7560,
-19.6240, 3.2240

■ 109.7520,
-13.8010, 2.3190

■ 117.7480, -7.9780,
1.4140

■ 125.7440, -2.1550,
0.5090

Harmonies

Analogous

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



56.9700, -61.2090, 2.4630



53.4920, -53.6910, 9.3890



65.3700, 2.9750, 28.6950

Triad

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



53.4920, -53.6910, 9.3890



59.2050, 50.8910, 8.3230



50.9160, -35.8950, -26.7990

Complementary

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



53.4920, -53.6910, 9.3890



83.5080, 53.6910, -9.3890

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.



50.1450, -11.9150, -31.8750



53.4920, -53.6910, 9.3890



60.3800, 39.4320, -9.7840

Square

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



53.4920, -53.6910, 9.3890



57.2120, 50.1540, 27.1940



58.1660, 19.1230, -21.6850



55.4930, -47.4050, -16.4370

Rectangle

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



53.4920, -53.6910, 9.3890



62.7380, 25.4860, 33.7260



58.1660, 19.1230, -21.6850



49.0750, -32.0890, -29.6970

Sweetspot

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



53.4920, -53.6910, 9.3890



138.6850, -20.8620, 3.6340



86.6650, -54.7820, -42.4460



66.2360, -12.2880, 2.4320



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



53.4920, -53.6910, 9.3890



63.1770, -74.5530, 13.0230



23.5880, -35.2650, 38.9030



59.5590, -3.0720, 0.6080



48.0510, -56.7630, 9.9970



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.3350, 54.7820, 42.4460



58.7820, 76.0530, 58.9410



113.4120, 35.2650, -38.9030



59.4350, 3.2090, 2.4170



44.7700, 57.9910, 44.8630



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 53.4920, -53.6910, 9.3890 looks on a white background.

Color Contrast Check

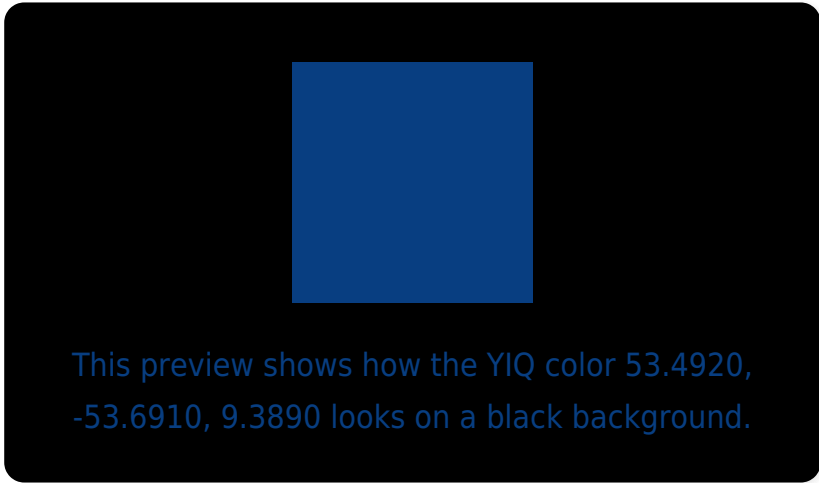
Large Text (above 18pt) WCAG AA ✓ Pass

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

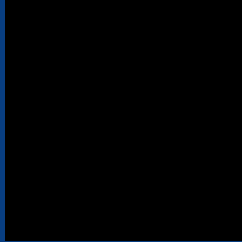
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.4920, -53.6910, 9.3890

Background



This preview shows how black text looks on a background with the YIQ color 53.4920, -53.6910, 9.3890.



This preview shows how white text looks on a background with the YIQ color 53.4920, -53.6910,

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

53.4920, -53.6910, 9.3890

Protanopia

56.1830, -48.3270, 11.2970

Deuteranopia

51.0370, -54.1480, 1.1480



Tritanopia

50.3410, -43.9210, -13.4970

Trichromacy



Original Color

53.4920, -53.6910, 9.3890

Protanomaly

55.2860, -50.1150, 10.6610

Deuteranomaly

52.0310, -54.0110, 4.1730

Tritanomaly

51.6430, -47.4070, -5.3830

Monochromacy



Original Color

53.4920, -53.6910, 9.3890

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.1690, -19.3490, 3.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.4920, -53.6910, 9.3890 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(8, 62, 129)` looks like.

```
.text, #text, p{  
    color:rgb(8, 62, 129)  
}
```

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(8, 62, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 62, 129) }
```

Border

The CSS property to change the border of an element to YIQ 53.4920, -53.6910, 9.3890 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(8, 62, 129) }
```


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

```
.border{ border-color:rgb(8, 62, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 62, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 62, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 62, 129);  
box-shadow:4px 4px 4px 4px rgb(8, 62, 129)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.4920, -53.6910, 9.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 62, 129) }
```

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

```
.background{ background-color: rgb(8, 62,  
129) }
```

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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