

Converting Colors

YIQ(51.3990, 21.2260, 11.8020)

Have a look what the booklet for
YIQ(51.3990, 21.2260, 11.8020)
contains.

YIQ(51.3990, 21.2260, 11.8020)	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(51.3990, 21.2260,
11.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	4F2630
RGB	79, 38, 48
RGB Percent	31%, 15%, 19%
CMY	0.6901, 0.8510, 0.8117
CMYK	0.00, 0.52, 0.39, 0.69
HSL	345°, 35%, 23%
HSV	345°, 52%, 31%
XYZ	4.4531, 3.2621, 3.1934
YIQ	51.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

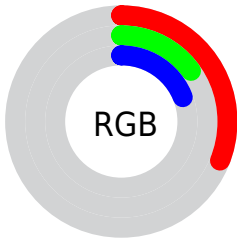
Format	Color
R_{YB}	79, 38, 48
Decimal	5187120
CIE Lab	21.06, 20.49, 2.23
CIE LCh	21, 20.612, 6.202
Yxy	3.2621, 0.4082, 0.2990
Android (android.graphics.Color)	4283377200 (0xFF4F2630)
YUV	51.3990, -1.6757, 24.2061
Hunter-Lab	18.0612, 12.4031, 2.1600

Details

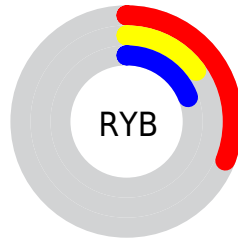
The YIQ color **51.3990, 21.2260, 11.8020** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.6010, -21.2260, -11.8020**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.8940, 24.2060, 12.8620**, and **10.7640, 21.4560, 7.6320** is the 20% darker color. If you saturate the color by 10%, you get **46.0190, 25.3520, 14.1200**, and if you desaturate by 10%, it is **56.7790, 17.1000, 9.4840**.

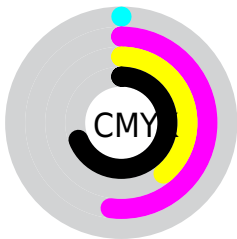
Distribution



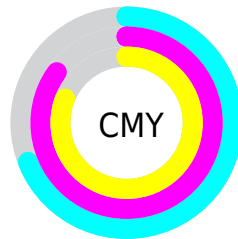
- Red (31%)
- Green (15%)
- Blue (19%)



- Red (31%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (52%)
- Yellow (39%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.3990, 21.2260, 11.8020 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 51.3990, 21.2260, 11.8020 by changing the saturation by 10% instead.

■ 51.3990, 21.2260,
11.8020

■ 51.3990, 21.2260,
11.8020

■ 255.0000, -0.0000,
-0.0000

■ 28.9150, 19.7130,
11.6890

■ 98.8940, 24.2060,
12.8620

■ 10.7640, 21.4560,
7.6320

■ 124.4920, 25.3980,
13.2860

■ 0.0000, 0.0000,
0.0000

■ 150.0900, 26.5900,
13.7100

■ 177.3890, 27.1860,
13.9220

■ 204.9870, 28.3780,
14.3460

■ 228.8010, 20.0340,

11.3780

248.5430, 3.0250,
5.7530

51.3990, 21.2260,
11.8020

51.3990, 21.2260,
11.8020

46.0190, 25.3520,
14.1200

56.7790, 17.1000,
9.4840

40.6390, 29.4780,
16.4380

62.1590, 12.9740,
7.1660

35.2590, 33.6040,
18.7560

67.5390, 8.8480,
4.8480

29.8790, 37.7300,
21.0740

72.9190, 4.7220,
2.5300

25.7870, 40.9850,
22.6570

77.7120, 0.8710,
0.7350

■ 83.0920, -3.2550,
-1.5830

■ 88.4720, -7.3810,
-3.9010

■ 93.8520, -11.5070,
-6.2190

■ 99.2320, -15.6330,
-8.5370

Harmonies

Analogous

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



52.1900, 11.6890, 13.9370



51.3990, 21.2260, 11.8020



50.5640, 24.8950, 5.8790

Triad

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



51.3990, 21.2260, 11.8020



47.3940, 1.2860, -12.2980



41.1770, -40.1630, -4.5070

Complementary

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



51.3990, 21.2260, 11.8020



65.6010, -21.2260, -11.8020

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.



41.7980, -37.7780, -9.1860



51.3990, 21.2260, 11.8020



43.7710, -15.9530, -13.7530

Square

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



51.3990, 21.2260, 11.8020



49.2600, 13.5270, -8.3690



40.0880, -32.9630, -13.8510



48.4400, -21.5500, 5.0900

Rectangle

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



51.3990, 21.2260, 11.8020



50.6190, 23.0620, 0.5500



40.0880, -32.9630, -13.8510



41.4220, -39.4750, -5.9630

Sweetspot

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



51.3990, 21.2260, 11.8020



91.2400, 8.2520, 4.6360



51.9430, 5.3150, 19.3230



44.3320, 4.9970, 3.0530



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



51.3990, 21.2260, 11.8020



59.5470, 32.7330, 18.0210



56.1290, 21.6860, 3.4620



35.3100, 2.0630, 1.1590



33.3480, 52.7670, 29.3990



75.1540, 119.1040, 66.1760

Inverse Universe

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



51.3990, 21.2260, 11.8020



59.5470, 32.7330, 18.0210



60.8710, -21.6860, -3.4620



35.3100, 2.0630, 1.1590



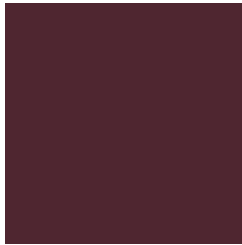
33.3480, 52.7670, 29.3990



75.1540, 119.1040, 66.1760

Previews

White Background



This preview shows how the YIQ color 51.3990, 21.2260, 11.8020 looks on a white background.

Color Contrast Check

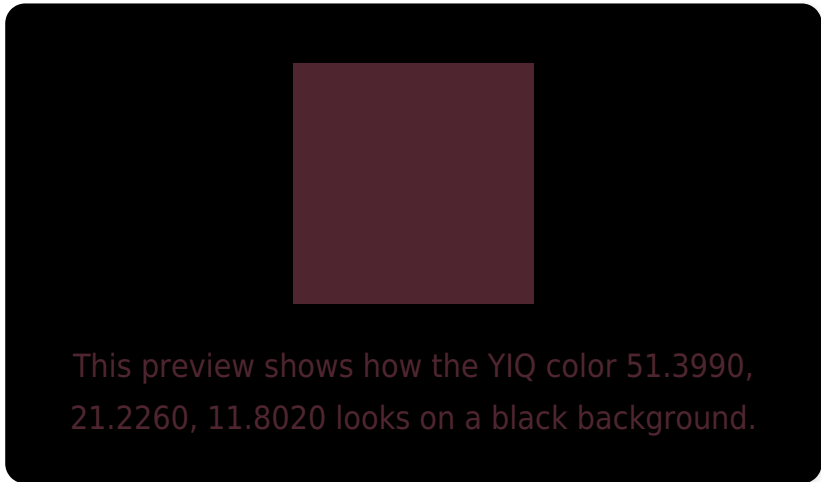
Large Text (above 18pt) WCAG AA ✓ Pass

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

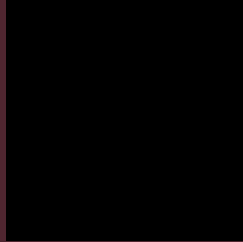
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.3990, 21.2260, 11.8020

Background



This preview shows how black text looks on a background with the YIQ color 51.3990, 21.2260, 11.8020.



This preview shows how white text looks on a background with the YIQ color 51.3990, 21.2260,

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

51.3990, 21.2260, 11.8020

Protanopia

51.4560, -1.2840, 1.2440

Deuteranopia

51.3490, 6.3270, 0.9750



Tritanopia

51.3020, 22.8770, 9.4130

Trichromacy



Original Color

51.3990, 21.2260, 11.8020

Protanomaly

51.1690, 7.0140, 5.0460

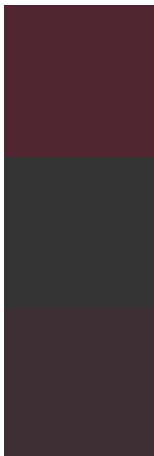
Deuteranomaly

51.5070, 11.8740, 5.0740

Tritanomaly

51.5300, 22.2350, 10.0350

Monochromacy



Original Color

51.3990, 21.2260, 11.8020

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.9410, 7.6560, 4.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.3990, 21.2260, 11.8020 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(79, 38, 48)` looks like.

```
.text, #text, p{  
    color:rgb(79, 38, 48)  
}
```

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(79, 38, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 38, 48) }
```

Border

The CSS property to change the border of an element to YIQ 51.3990, 21.2260, 11.8020 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(79, 38, 48) }
```


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

```
.border{ border-color:rgb(79, 38, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 38, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 38, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 38, 48);  
box-shadow:4px 4px 4px 4px rgb(79, 38, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.3990, 21.2260, 11.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 38, 48) }
```

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

```
.background{ background-color: rgb(79, 38,  
48) }
```

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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