

Converting Colors

YIQ(79.0220, 12.1020, 11.9580)

Have a look what the booklet for
YIQ(79.0220, 12.1020, 11.9580)
contains.

YIQ(79.0220, 12.1020, 11.9580)	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(79.0220, 12.1020,
11.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	624456
RGB	98, 68, 86
RGB Percent	38%, 27%, 34%
CMY	0.6156, 0.7334, 0.6627
CMYK	0.00, 0.31, 0.12, 0.62
HSL	324°, 18%, 33%
HSV	324°, 31%, 38%
XYZ	8.7857, 7.4026, 9.7717
YIQ	79.0220, 12.1020, 11.9580

Conversions

Conversions Part 2

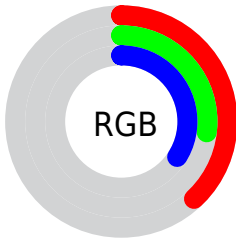
Format	Color
RYB	98, 68, 86
Decimal	6440022
CIELab	32.71, 16.13, -5.57
CIELCh	33, 17.066, 340.961
Yxy	7.4026, 0.3384, 0.2852
Android (android.graphics.Color)	4284630102 (0xFF624456)
YUV	79.0220, 3.4402, 16.6437
Hunter-Lab	27.2077, 10.0264, -2.2488

Details

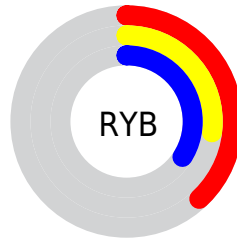
The YIQ color **79.0220, 12.1020, 11.9580** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.9780, -12.1020, -11.9580**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1470, 13.2480, 13.2160**, and **34.0110, 10.6350, 11.0110** is the 20% darker color. If you saturate the color by 10%, you get **72.6960, 16.1360, 15.9440**, and if you desaturate by 10%, it is **85.3480, 8.0680, 7.9720**.

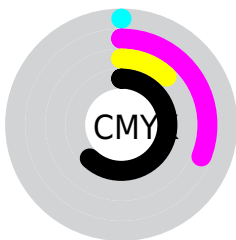
Distribution



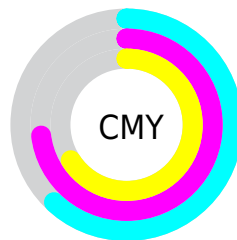
- Red (38%)
- Green (27%)
- Blue (34%)



- Red (38%)
- Yellow (27%)
- Blue (34%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (62%)



- Cyan (62%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.0220, 12.1020, 11.9580 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 79.0220, 12.1020, 11.9580 by changing the saturation by 10% instead.

■ 79.0220, 12.1020,
11.9580

■ 79.0220, 12.1020,
11.9580

■ 255.0000, -0.0000,
-0.0000

■ 55.7230, 11.5060,
11.7460

■ 128.1470, 13.2480,
13.2160

■ 34.0110, 10.6350,
11.0110

■ 154.4460, 13.8440,
13.4280

■ 11.6630, 11.7350,
13.1030

■ 181.7450, 14.4400,
13.6400

■ 0.0000, 0.0000,
0.0000

■ 209.1580, 14.7150,
14.1630

■ 235.6630, 11.7350,
13.1030

■ 253.8260, 0.5500,

1.0460

■ 79.0220, 12.1020,
11.9580

■ 79.0220, 12.1020,
11.9580

■ 72.6960, 16.1360,
15.9440

■ 85.3480, 8.0680,
7.9720

■ 66.3700, 20.1700,
19.9300

■ 91.6740, 4.0340,
3.9860

■ 60.6310, 23.9290,
23.3930

■ 97.4130, 0.2750,
0.5230

■ 54.3050, 27.9630,
27.3790

■ 103.7390, -3.7590,
-3.4630

■ 47.9790, 31.9970,
31.3650

■ 110.0650, -7.7930,
-7.4490

■ 41.6530, 36.0310,
35.3510

■ 116.3910,
-11.8270, -11.4350

■ 36.0280, 39.4690,
39.1250

■ 122.6030,
-15.5400, -15.7320

■ 128.3420,
-19.2990, -19.1950

■ 134.6680,
-23.3330, -23.1810

Harmonies

Analogous

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



78.7370, -0.2770, 10.5310



79.0220, 12.1020, 11.9580



78.6330, 20.4470, 9.3990

Triad

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



79.0220, 12.1020, 11.9580



75.7050, 10.7760, -8.0720



69.6030, -32.7350, -6.9670

Complementary

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



79.0220, 12.1020, 11.9580



86.9780, -12.1020, -11.9580

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.



69.7190, -27.3700, -10.5860



79.0220, 12.1020, 11.9580



73.6650, -0.9150, -10.9550

Square

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



79.0220, 12.1020, 11.9580



76.8850, 19.2570, -2.0790



72.3090, -14.5320, -11.9720



73.2280, -27.0050, -0.6770

Rectangle

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



79.0220, 12.1020, 11.9580



78.0090, 22.1440, 6.1760



72.3090, -14.5320, -11.9720



69.7340, -31.7260, -8.7340

Sweetspot

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



79.0220, 12.1020, 11.9580



120.3860, 4.9050, 4.7210



75.0080, -2.4780, 11.8740



59.5490, 2.8880, 2.7280



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



79.0220, 12.1020, 11.9580



97.6580, 19.2990, 19.1950



77.3120, 16.9170, 7.2930



45.5380, 1.4210, 1.7810



41.1260, 45.2450, 44.5810



88.1760, 96.8160, 95.6640

Inverse Universe

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



79.0220, 12.1020, 11.9580



97.6580, 19.2990, 19.1950



88.6880, -16.9170, -7.2930



45.5380, 1.4210, 1.7810



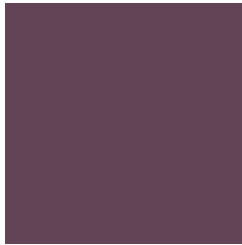
41.1260, 45.2450, 44.5810



88.1760, 96.8160, 95.6640

Previews

White Background



This preview shows how the YIQ color 79.0220, 12.1020, 11.9580 looks on a white background.

Color Contrast Check

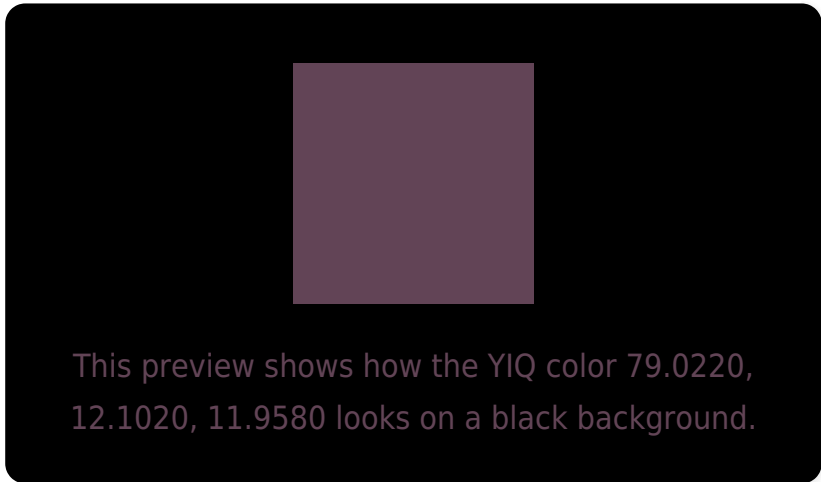
Large Text (above 18pt) WCAG AA ✓ Pass

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

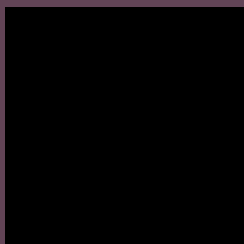
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.0220, 12.1020, 11.9580

Background



This preview shows how black text looks on a background with the YIQ color 79.0220, 12.1020, 11.9580.

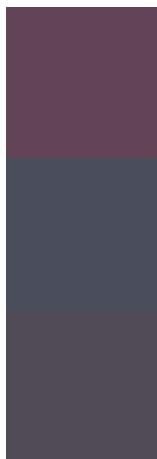


This preview shows how white text looks on a background with the YIQ color 79.0220, 12.1020,

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

79.0220, 12.1020, 11.9580

Protanopia

77.8130, -6.6030, 4.0290

Deuteranopia

77.9340, 0.3660, 4.3820



Tritanopia

78.6430, 14.4870, 7.2790

Trichromacy



Original Color

79.0220, 12.1020, 11.9580

Protanomaly

78.5150, 0.2280, 6.8840

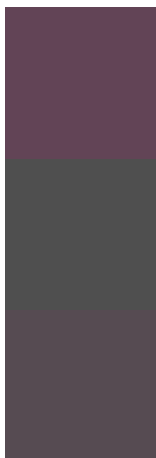
Deuteranomaly

77.9670, 4.7670, 7.2230

Tritanomaly

78.5120, 13.4780, 9.0460

Monochromacy



Original Color

79.0220, 12.1020, 11.9580

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.0220, 12.1020, 11.9580 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(98, 68, 86) looks like.

```
.text, #text, p{  
    color:rgb(98, 68, 86)  
}
```

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(98, 68, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 68, 86) }
```

Border

The CSS property to change the border of an element to YIQ 79.0220, 12.1020, 11.9580 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(98, 68, 86) }
```


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

```
.border{ border-color:rgb(98, 68, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 68, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 68, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 68, 86);  
box-shadow:4px 4px 4px 4px rgb(98, 68, 86)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.0220, 12.1020, 11.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 68, 86) }
```

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

```
.background{ background-color: rgb(98, 68,  
86) }
```

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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