

Converting Colors

YIQ(21.5580, 25.0320, 8.9040)

Have a look what the booklet for
YIQ(21.5580, 25.0320, 8.9040)
contains.

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Color

**YIQ(21.5580, 25.0320,
8.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	330909
RGB	51, 9, 9
RGB Percent	20%, 4%, 4%
CMY	0.7999, 0.9648, 0.9646
CMYK	0.00, 0.82, 0.82, 0.80
HSL	360°, 70%, 12%
HSV	360°, 82%, 20%
XYZ	1.5135, 0.9192, 0.3568
YIQ	21.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

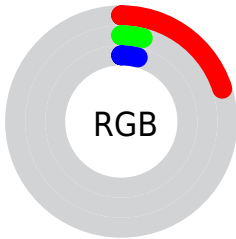
Format	Color
RYB	51, 9, 9
Decimal	3344649
CIELab	8.30, 21.05, 9.21
CIELCh	8, 22.975, 23.621
Yxy	0.9192, 0.5426, 0.3295
Android (android.graphics.Color)	4281534729 (0xFF330909)
YUV	21.5580, -6.1911, 25.8206
Hunter-Lab	9.5877, 11.3987, 4.5047

Details

The YIQ color **21.5580, 25.0320, 8.9040** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **38.4420, -25.0320, -8.9040**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **67.1670, 27.6910, 10.2750**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.0530, 28.0120, 9.9640**, and if you desaturate by 10%, it is **25.0630, 22.0520, 7.8440**.

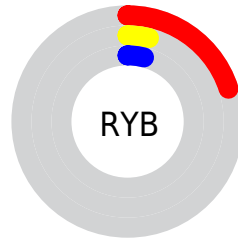
Distribution



Red (20%)

Green (4%)

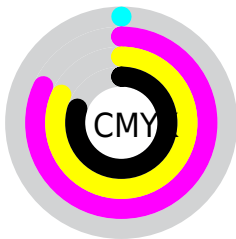
Blue (4%)



Red (20%)

Yellow (4%)

Blue (4%)

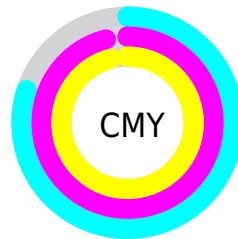


Cyan (0%)

Magenta (82%)

Yellow (82%)

Black (80%)



Cyan (80%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.5580, 25.0320, 8.9040 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 21.5580, 25.0320, 8.9040 by changing the saturation by 10% instead.

■ 21.5580, 25.0320,
8.9040

■ 21.5580, 25.0320,
8.9040

■ 240.7520, 12.5620,
3.6180

■ 8.1870, 15.7710,
6.0350

■ 67.1670, 27.6910,
10.2750

■ 0.0000, 0.0000,
0.0000

■ 91.8360, 30.1210,
10.2890


■ 116.4340, 31.3130,
10.7130


■ 142.3310, 33.1010,
11.3490


■ 168.9290, 34.2930,
11.7730


■ 196.5270, 35.4850,


12.1970


 221.1240, 29.2500,
9.5540


 21.5580, 25.0320,
8.9040


 21.5580, 25.0320,
8.9040


 18.0530, 28.0120,
9.9640


 25.0630, 22.0520,
7.8440

 15.2490, 30.3960,
10.8120

 28.5680, 19.0720,
6.7840

 32.0730, 16.0920,
5.7240

 35.5780, 13.1120,
4.6640

 39.1970, 9.8110,
3.9150

■ 43.2890, 6.5560,
2.3320

■ 46.7940, 3.5760,
1.2720

■ 50.2990, 0.5960,
0.2120

■ 53.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



22.5390, 18.0160, 14.9120



21.5580, 25.0320, 8.9040



22.8470, 22.4200, 1.1720

Triad

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



21.5580, 25.0320, 8.9040



17.6100, -8.2500, -15.6900



22.1190, -25.0800, 2.9840

Complementary

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



21.5580, 25.0320, 8.9040



38.4420, -25.0320, -8.9040

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.



23.0820, -23.6580, -0.7620



21.5580, 25.0320, 8.9040



21.0640, -15.2200, -10.5160

Square

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



21.5580, 25.0320, 8.9040



21.8290, 4.4950, -9.8810



22.8880, -20.3560, -5.5400



23.3380, -12.3350, 8.7930

Rectangle

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



21.5580, 25.0320, 8.9040



23.1020, 17.1480, -2.4040



22.8880, -20.3560, -5.5400



22.4780, -24.7130, 1.8390

Sweetspot

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



21.5580, 25.0320, 8.9040



54.7840, 9.5360, 3.3920



26.0470, 10.9540, 21.7540



25.9900, 5.9600, 2.1200



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



21.5580, 25.0320, 8.9040



20.4350, 38.7400, 13.7800



33.2980, 19.5320, -1.5560



23.8970, 1.7880, 0.6360



26.6110, 53.0440, 18.8680



64.8830, 129.3320, 46.0040

Inverse Universe

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



21.5580, 25.0320, 8.9040



20.4350, 38.7400, 13.7800



26.7020, -19.5320, 1.5560



23.8970, 1.7880, 0.6360



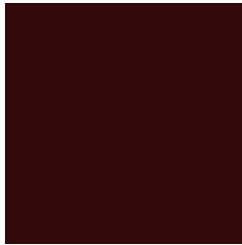
26.6110, 53.0440, 18.8680



64.8830, 129.3320, 46.0040

Previews

White Background



This preview shows how the YIQ color 21.5580, 25.0320, 8.9040 looks on a white background.

Color Contrast Check

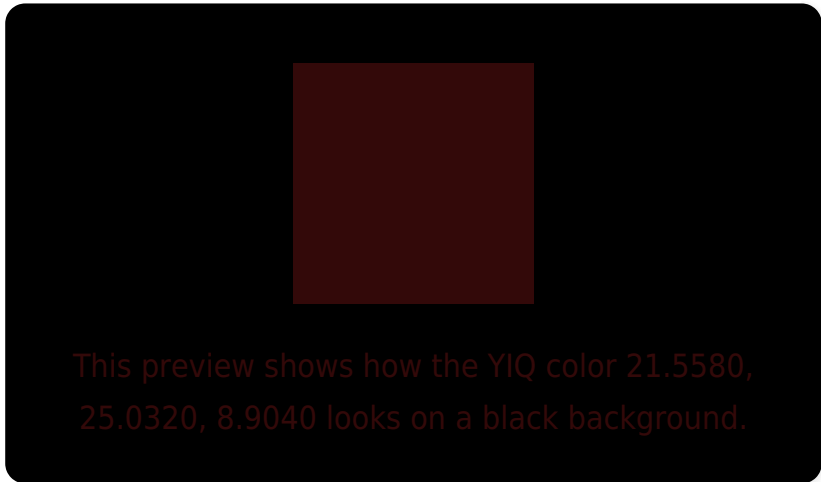
Large Text (above 18pt) WCAG AA ✓ Pass

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

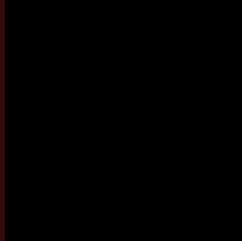
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.5580, 25.0320, 8.9040

Background



This preview shows how black text looks on a background with the YIQ color 21.5580, 25.0320, 8.9040.



This preview shows how white text looks on a background with the YIQ color 21.5580, 25.0320,

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

21.5580, 25.0320, 8.9040

Protanopia

26.1160, 5.3650, -3.6190

Deuteranopia

25.4110, 11.7840, -4.3120



Tritanopia

21.5580, 25.0320, 8.9040

Trichromacy



Original Color

21.5580, 25.0320, 8.9040

Protanomaly

24.1710, 12.7000, 1.1160

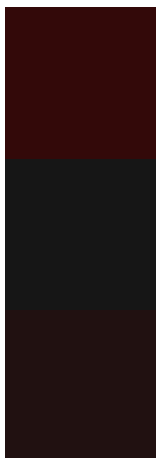
Deuteranomaly

23.7970, 16.6890, 0.4090

Tritanomaly

21.5580, 25.0320, 8.9040

Monochromacy



Original Color

21.5580, 25.0320, 8.9040

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.7840, 9.5360, 3.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.5580, 25.0320, 8.9040 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(51, 9, 9)` looks like.

```
.text, #text, p{  
    color:rgb(51, 9, 9)  
}
```

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(51, 9, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 9, 9) }
```

Border

The CSS property to change the border of an element to YIQ 21.5580, 25.0320, 8.9040 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(51, 9, 9) }
```


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

```
.border{ border-color:rgb(51, 9, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 9, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 9, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 9, 9); box-shadow:4px  
4px 4px 4px rgb(51, 9, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 21.5580, 25.0320, 8.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 9, 9) }
```

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

```
.background{ background-color: rgb(51, 9,  
9) }
```

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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