

Converting Colors

YIQ(20.9340, 26.7290, 5.6810)

Have a look what the booklet for
YIQ(20.9340, 26.7290, 5.6810)
contains.

YIQ(20.9340, 26.7290, 5.6810)	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(20.9340, 26.7290,
5.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	320A01
RGB	50, 10, 1
RGB Percent	20%, 4%, 0%
CMY	0.8038, 0.9608, 0.9960
CMYK	0.00, 0.80, 0.98, 0.80
HSL	11°, 96%, 10%
HSV	11°, 98%, 20%
XYZ	1.4305, 0.8977, 0.1274
YIQ	20.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

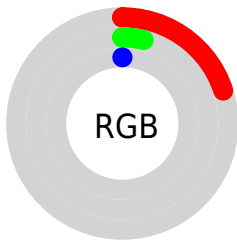
Format	Color
R_{YB}	50, 12, 1
Decimal	3279361
CIE Lab	8.11, 19.54, 12.16
CIE LCh	8, 23.009, 31.895
Yxy	0.8977, 0.5826, 0.3656
Android (android.graphics.Color)	4281469441 (0xFF320A01)
YUV	20.9340, -9.8275, 25.4909
Hunter-Lab	9.4745, 10.3706, 5.8348

Details

The YIQ color **20.9340, 26.7290, 5.6810** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **30.0660, -26.7290, -5.6810**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **66.8850, 28.4250, 7.9850**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.2330, 27.3250, 5.8930**, and if you desaturate by 10%, it is **23.8520, 24.0240, 5.1440**.

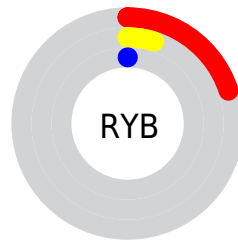
Distribution



Red (20%)

Green (4%)

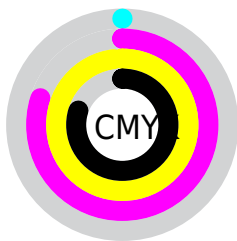
Blue (0%)



Red (20%)

Yellow (5%)

Blue (0%)

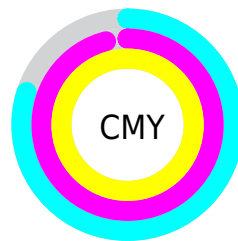


Cyan (0%)

Magenta (80%)

Yellow (98%)

Black (80%)



Cyan (80%)


Magenta (96%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 20.9340, 26.7290, 5.6810 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 20.9340, 26.7290, 5.6810 by changing the saturation by 10% instead.

 20.9340, 26.7290,
5.6810


 20.9340, 26.7290,
5.6810


 240.6550, 14.2130,
1.2290


 7.2900, 13.9830,
5.3990


 66.8850, 28.4250,
7.9850

 0.0000, 0.0000,
0.0000

 90.6680, 30.5340,
8.3100


 115.5650, 32.3220,
8.9460


 141.9350, 34.1560,
8.7480


 168.5330, 35.3480,
9.1720


 196.1310, 36.5400,


9.5960


 220.4400, 31.1760,
7.6880


 20.9340, 26.7290,
5.6810


 20.9340, 26.7290,
5.6810


 20.2330, 27.3250,
5.8930

 23.8520, 24.0240,
5.1440

 26.7700, 21.3190,
4.6070

 29.6880, 18.6140,
4.0700

 32.6060, 15.9090,
3.5330

 35.5240, 13.2040,
2.9960

■ 39.0290, 10.2240,
1.9360

■ 41.9470, 7.5190,
1.3990

■ 44.8650, 4.8140,
0.8620

■ 47.7830, 2.1090,
0.3250

Harmonies

Analogous

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



21.6810, 20.4920, 14.0920



20.9340, 26.7290, 5.6810



22.5370, 20.3570, 0.0130

Triad

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



20.9340, 26.7290, 5.6810



18.4250, -9.1670, -15.5910



20.8310, -24.2090, 3.7190

Complementary

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



20.9340, 26.7290, 5.6810



30.0660, -26.7290, -5.6810

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.



22.8370, -24.3460, 0.6940



20.9340, 26.7290, 5.6810



21.5200, -16.5040, -9.2720

Square

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



20.9340, 26.7290, 5.6810



20.6220, 0.6440, -11.6760



22.6430, -21.0440, -4.0840



24.0290, -6.9710, 10.7010

Rectangle

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



20.9340, 26.7290, 5.6810



23.3790, 14.8100, -4.0860



22.6430, -21.0440, -4.0840



22.0050, -24.7590, 2.6730

Sweetspot

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



20.9340, 26.7290, 5.6810



55.0290, 10.2240, 1.9360



20.3250, 16.0430, 23.1390



26.4630, 6.0060, 1.2860



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.



20.9340, 26.7290, 5.6810



26.7780, 36.0360, 7.7160



35.0220, 20.1290, -6.8710



23.8970, 1.7880, 0.6360



36.0030, 48.6440, 10.5000



88.3630, 118.3320, 25.0840

Inverse Universe

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



30.0660, -26.7290, -5.6810



39.2220, -36.0360, -7.7160



15.9780, -20.1290, 6.8710



24.5160, -1.5130, -0.1130



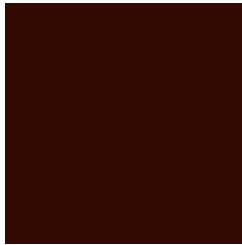
52.9970, -48.6440, -10.5000



128.6370, -118.3320, -25.0840

Previews

White Background



This preview shows how the YIQ color 20.9340, 26.7290, 5.6810 looks on a white background.

Color Contrast Check

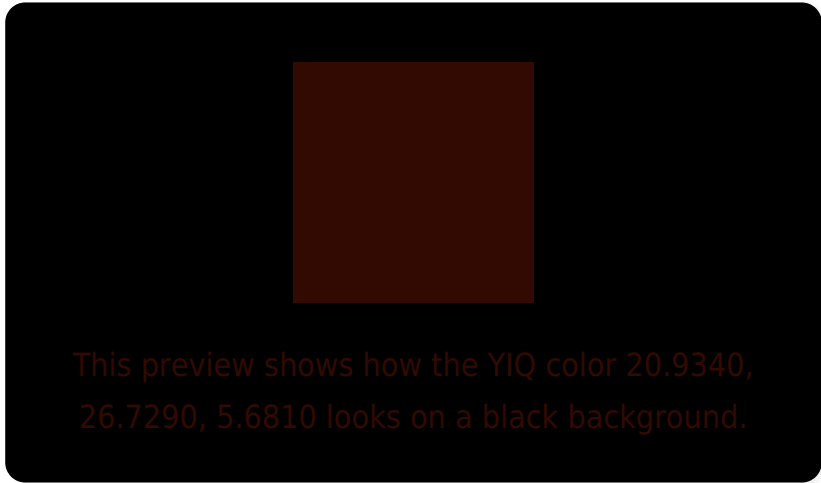
Large Text (above 18pt) WCAG AA ✓ Pass

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

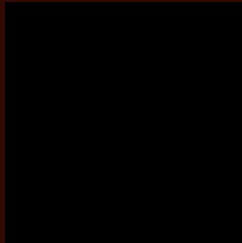
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.9340, 26.7290, 5.6810

Background



This preview shows how black text looks on a background with the YIQ color 20.9340, 26.7290, 5.6810.

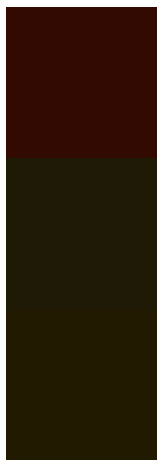


This preview shows how white text looks on a background with the YIQ color 20.9340, 26.7290,

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

20.9340, 26.7290, 5.6810

Protanopia

24.9160, 8.8040, -5.3720

Deuteranopia

24.5420, 12.7930, -6.0790



Tritanopia

21.2590, 24.4360, 8.6920

Trichromacy



Original Color

20.9340, 26.7290, 5.6810

Protanomaly

23.2590, 15.2680, -1.3720

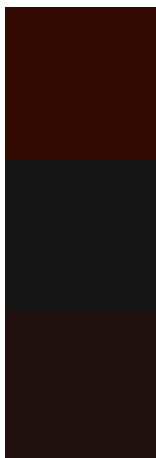
Deuteranomaly

23.4010, 17.7440, -2.1920

Tritanomaly

20.9170, 25.3990, 7.7590

Monochromacy



Original Color

20.9340, 26.7290, 5.6810

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

21.1430, 9.9030, 2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.9340, 26.7290, 5.6810 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(50, 10, 1)` looks like.

```
.text, #text, p{  
    color:rgb(50, 10, 1)  
}
```

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(50, 10, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 10, 1) }
```

Border

The CSS property to change the border of an element to YIQ 20.9340, 26.7290, 5.6810 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(50, 10, 1) }
```


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

```
.border{ border-color:rgb(50, 10, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 10, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 10, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(50, 10, 1); box-shadow:4px  
4px 4px 4px rgb(50, 10, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 20.9340, 26.7290, 5.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 10, 1) }
```

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

```
.background{ background-color: rgb(50, 10,  
1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor