

Converting Colors

YIQ(20.9500, 29.8000, 10.6000)

Have a look what the booklet for
YIQ(20.9500, 29.8000, 10.6000)
contains.

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Color

**YIQ(20.9500, 29.8000,
10.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	380606
RGB	56, 6, 6
RGB Percent	22%, 2%, 2%
CMY	0.7803, 0.9765, 0.9764
CMYK	0.00, 0.89, 0.89, 0.78
HSL	360°, 81%, 12%
HSV	360°, 89%, 22%
XYZ	1.7305, 0.9846, 0.2720
YIQ	20.9500, 29.8000, 10.6000

Conversions

Conversions Part 2

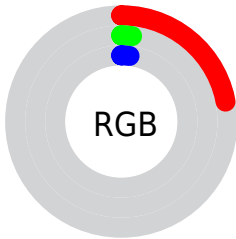
Format	Color
R_{YB}	56, 6, 6
Decimal	3671558
CIE Lab	8.86, 24.37, 11.39
CIE LCh	9, 26.901, 25.050
Yxy	0.9846, 0.5793, 0.3296
Android (android.graphics.Color)	4281861638 (0xFF380606)
YUV	20.9500, -7.3703, 30.7388
Hunter-Lab	9.9229, 13.7648, 5.3208

Details

The YIQ color **20.9500, 29.8000, 10.6000** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **41.0500, -29.8000, -10.6000**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.4450, 32.7800, 11.6600**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.7440, 33.3760, 11.8720**, and if you desaturate by 10%, it is **25.1560, 26.2240, 9.3280**.

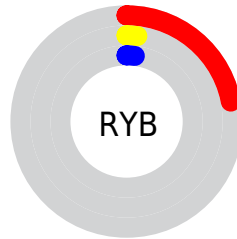
Distribution



Red (22%)

Green (2%)

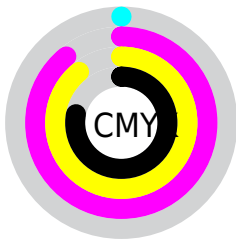
Blue (2%)



Red (22%)

Yellow (2%)

Blue (2%)

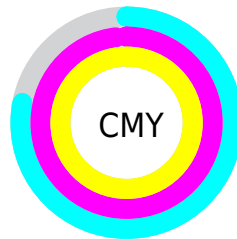


Cyan (0%)

Magenta (89%)

Yellow (89%)

Black (78%)



Cyan (78%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.9500, 29.8000, 10.6000 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 20.9500, 29.8000, 10.6000 by changing the saturation by 10% instead.

■ 20.9500, 29.8000,
10.6000

■ 20.9500, 29.8000,
10.6000

■ 239.9370, 13.4790,
3.5190

■ 9.9810, 19.3470,
7.3070

■ 68.4450, 32.7800,
11.6600

■ 0.0000, 0.0000,
0.0000

■ 92.2280, 34.8890,
11.9850


■ 118.0110, 36.9980,
12.3100


■ 143.9080, 38.7860,
12.9460


■ 170.5060, 39.9780,
13.3700


■ 197.9900, 41.4910,


13.4830


 220.3090, 30.1670,
9.4550


 20.9500, 29.8000,
10.6000


 20.9500, 29.8000,
10.6000


 16.7440, 33.3760,
11.8720

 25.1560, 26.2240,
9.3280

 28.6610, 23.2440,
8.2680

 32.8670, 19.6680,
6.9960

 36.3720, 16.6880,
5.9360

 40.5780, 13.1120,
4.6640

■ 44.7840, 9.5360,
3.3920

■ 48.2890, 6.5560,
2.3320

■ 52.4950, 2.9800,
1.0600

■ 56.0000, -0.0000,
0.0000

Harmonies

Analogous

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



22.0990, 22.3710, 18.5870



20.9500, 29.8000, 10.6000



23.4560, 25.0790, 2.5430

Triad

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



20.9500, 29.8000, 10.6000



18.7840, -8.8000, -16.7360



23.3900, -27.2810, 4.3270

Complementary

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



20.9500, 29.8000, 10.6000



41.0500, -29.8000, -10.6000

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.



25.0540, -26.4550, 0.3690



20.9500, 29.8000, 10.6000



22.3520, -16.0910, -11.2510

Square

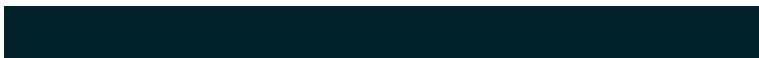
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.9500, 29.8000, 10.6000



22.4050, 2.7530, -11.3510



24.5180, -22.1900, -5.3420



24.3100, -15.1320, 9.9240

Rectangle

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



20.9500, 29.8000, 10.6000



24.2870, 18.0650, -2.5030



24.5180, -22.1900, -5.3420



24.4500, -27.5100, 2.9700

Sweetspot

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



20.9500, 29.8000, 10.6000



59.9800, 11.9200, 4.2400



26.3510, 13.1540, 25.9380



29.5880, 7.1520, 2.5440



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



20.9500, 29.8000, 10.6000



22.1260, 44.1040, 15.6880



35.0380, 23.2000, -1.9520



25.8970, 1.7880, 0.6360



27.5080, 54.8320, 19.5040



65.4810, 130.5240, 46.4280

Inverse Universe

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



20.9500, 29.8000, 10.6000



22.1260, 44.1040, 15.6880



26.9620, -23.2000, 1.9520



25.8970, 1.7880, 0.6360



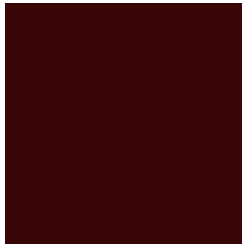
27.5080, 54.8320, 19.5040



65.4810, 130.5240, 46.4280

Previews

White Background



This preview shows how the YIQ color 20.9500, 29.8000, 10.6000 looks on a white background.

Color Contrast Check

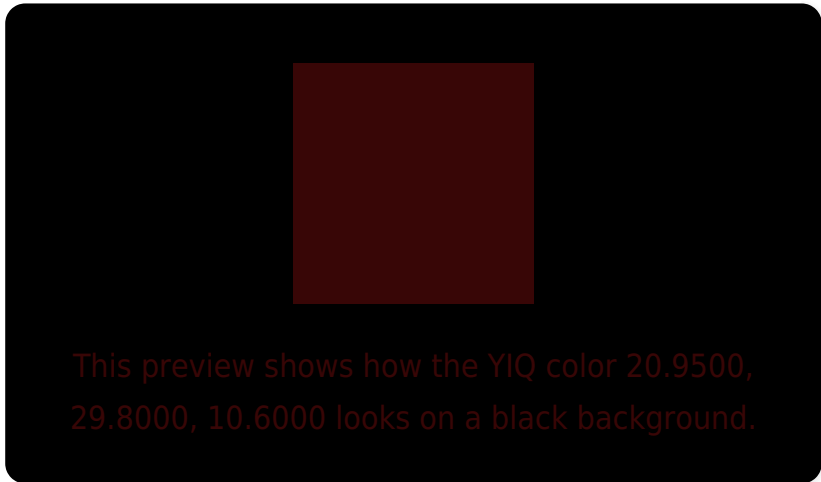
Large Text (above 18pt) WCAG AA ✓ Pass

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

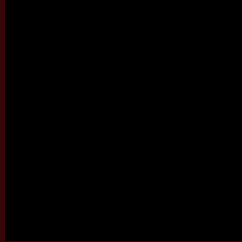
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.9500, 29.8000, 10.6000

Background



This preview shows how black text looks on a background with the YIQ color 20.9500, 29.8000, 10.6000.

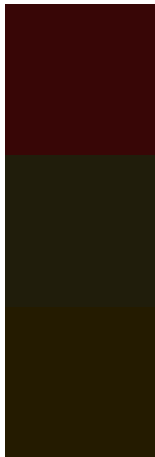


This preview shows how white text looks on a background with the YIQ color 20.9500, 29.8000,

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

20.9500, 29.8000, 10.6000

Protanopia

27.8450, 7.5660, -4.9620

Deuteranopia

26.6130, 14.0310, -6.4890



Tritanopia

20.7220, 30.4420, 9.9780

Trichromacy



Original Color

20.9500, 29.8000, 10.6000

Protanomaly

25.6120, 15.7720, 0.5080

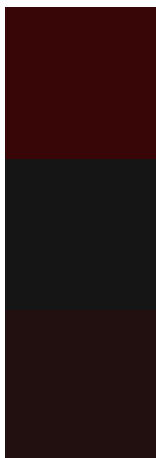
Deuteranomaly

24.2380, 19.7610, -0.1990

Tritanomaly

20.8360, 30.1210, 10.2890

Monochromacy



Original Color

20.9500, 29.8000, 10.6000

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

21.3820, 10.7280, 3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.9500, 29.8000, 10.6000 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(56, 6, 6)` looks like.

```
.text, #text, p{  
    color:rgb(56, 6, 6)  
}
```

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(56, 6, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 6, 6) }
```

Border

The CSS property to change the border of an element to YIQ 20.9500, 29.8000, 10.6000 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(56, 6, 6) }
```


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

```
.border{ border-color:rgb(56, 6, 6) }
```

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

Here you see how a box with a 4 pixel rgb(56, 6, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 6, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 6, 6); box-shadow:4px  
4px 4px 4px rgb(56, 6, 6) }
```

Background

The CSS property to change the background color of an element to YIQ 20.9500, 29.8000, 10.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 6, 6) }
```

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

```
.background{ background-color: rgb(56, 6,  
6) }
```

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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