

Converting Colors

YIQ(10.5790, 20.5390, 7.7310)

Have a look what the booklet for
YIQ(10.5790, 20.5390, 7.7310)
contains.

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Color

**YIQ(10.5790, 20.5390,
7.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	230001
RGB	35, 0, 1
RGB Percent	14%, 0%, 0%
CMY	0.8627, 1.0000, 0.9960
CMYK	0.00, 1.00, 0.97, 0.86
HSL	358°, 100%, 7%
HSV	358°, 100%, 14%
XYZ	0.6995, 0.3599, 0.0619
YIQ	10.5790, 20.5390, 7.7310

Conversions

Conversions Part 2

Format	Color
R_{YB}	35, 0, 1
Decimal	2293761
CIE Lab	3.25, 14.64, 4.72
CIE LCh	3, 15.380, 17.872
Yxy	0.3599, 0.6238, 0.3210
Android (android.graphics.Color)	4280483841 (0xFF230001)
YUV	10.5790, -4.7224, 21.4172
Hunter-Lab	5.9995, 10.3115, 3.5877

Details

The YIQ color **10.5790, 20.5390, 7.7310** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.4210, -20.5390, -7.7310**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **56.4970, 17.8340, 7.1940**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.5790, 20.5390, 7.7310**, and if you desaturate by 10%, it is **13.2690, 18.4760, 6.5720**.

Distribution



Red (14%)

Green (0%)

Blue (0%)



Red (14%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (86%)



Cyan (86%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 10.5790, 20.5390, 7.7310 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 10.5790, 20.5390, 7.7310 by changing the saturation by 10% instead.

■ 10.5790, 20.5390,
7.7310

■ 10.5790, 20.5390,
7.7310

■ 234.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 56.4970, 17.8340,
7.1940

■ 79.9810, 19.3470,
7.3070

■ 103.6930, 20.2180,
8.0420


■ 129.2910, 21.4100,
8.4660


■ 155.4760, 22.3270,
8.3670


■ 182.1880, 23.1980,


9.1020


 210.0740, 23.5190,
8.7910


 10.5790, 20.5390,
7.7310

 13.2690, 18.4760,
6.5720

 15.4860, 16.3670,
6.2470

 18.1760, 14.3040,
5.0880

 20.3930, 12.1950,
4.7630

 23.0830, 10.1320,
3.6040

■ 25.1860, 8.3440,
2.9680

■ 27.9900, 5.9600,
2.1200

■ 30.0930, 4.1720,
1.4840

■ 32.8970, 1.7880,
0.6360

Harmonies

Analogous

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



11.6200, 13.2940, 12.3820



10.5790, 20.5390, 7.7310



11.0300, 17.6510, 5.0030

Triad

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



10.5790, 20.5390, 7.7310



10.5660, -4.9500, -9.4140



12.5670, -14.7180, 2.4180

Complementary

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



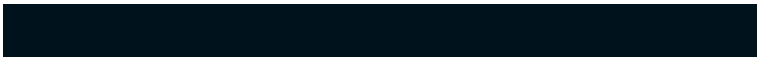
10.5790, 20.5390, 7.7310



24.4210, -20.5390, -7.7310

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.



14.4590, -14.5340, -0.9180



10.5790, 20.5390, 7.7310



12.0820, -6.4630, -9.5270

Square

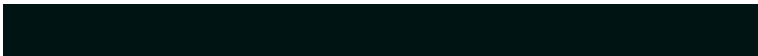
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10.5790, 20.5390, 7.7310



10.0120, -0.2740, -6.0500



14.0200, -11.9200, -4.2400



11.4260, -9.7670, 6.3050

Rectangle

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



10.5790, 20.5390, 7.7310



11.8830, 13.5710, 1.8510



14.0200, -11.9200, -4.2400



13.6270, -14.9470, 1.0610

Sweetspot

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



10.5790, 20.5390, 7.7310



36.3000, 8.0230, 3.2790



14.1560, 9.0290, 18.0930



17.3920, 4.7680, 1.6960



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



10.5790, 20.5390, 7.7310



13.8680, 27.0950, 10.0630



19.8570, 16.4600, -0.9480



16.5980, 1.1920, 0.4240



24.7460, 48.2300, 18.0060



63.1750, 122.6380, 46.1740

Inverse Universe

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



10.5790, 20.5390, 7.7310



13.8680, 27.0950, 10.0630



15.1430, -16.4600, 0.9480



16.5980, 1.1920, 0.4240



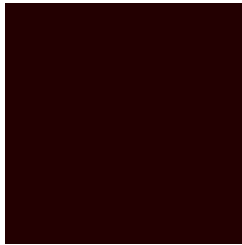
24.7460, 48.2300, 18.0060



63.1750, 122.6380, 46.1740

Previews

White Background



This preview shows how the YIQ color 10.5790, 20.5390, 7.7310 looks on a white background.

Color Contrast Check

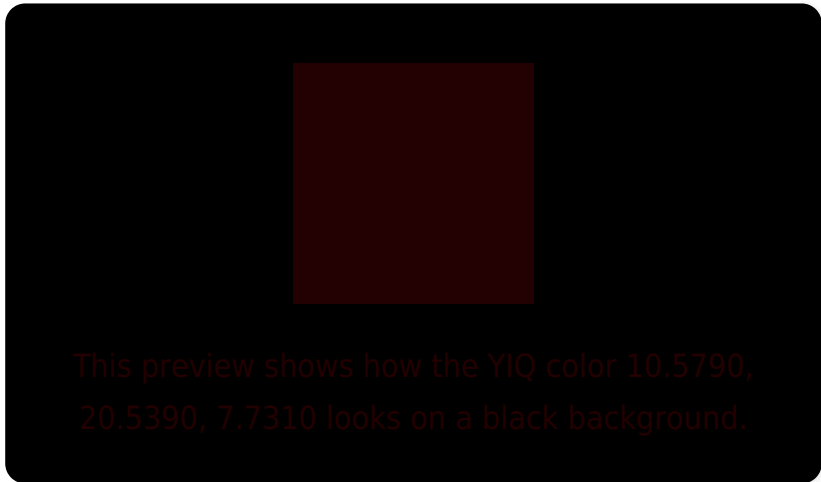
Large Text (above 18pt) WCAG AA ✓ Pass

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

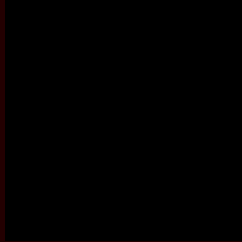
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 10.5790, 20.5390, 7.7310

Background



This preview shows how black text looks on a background with the YIQ color 10.5790, 20.5390, 7.7310.

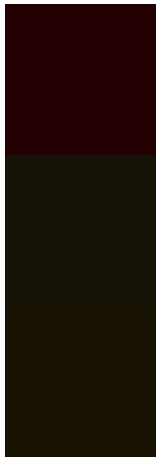


This preview shows how white text looks on a background with the YIQ color 10.5790, 20.5390,

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

10.5790, 20.5390, 7.7310

Protanopia

17.1160, 5.3650, -3.6190

Deuteranopia

16.5570, 8.4370, -4.2270



Tritanopia

12.2260, 20.0350, 5.8510

Trichromacy



Original Color

10.5790, 20.5390, 7.7310

Protanomaly

14.3880, 10.5910, 0.7910

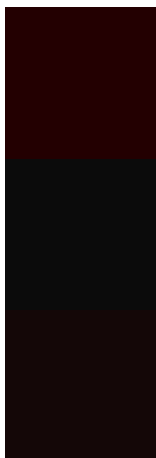
Deuteranomaly

14.5300, 13.0670, -0.0290

Tritanomaly

11.6390, 20.3100, 6.3740

Monochromacy



Original Color

10.5790, 20.5390, 7.7310

Achromatopsia

11.0000, -0.0000, -0.0000

Achromatomaly

10.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 10.5790, 20.5390, 7.7310 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(35, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(35, 0, 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(35, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 0, 1) }
```

Border

The CSS property to change the border of an element to YIQ 10.5790, 20.5390, 7.7310 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(35, 0, 1) }
```


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

```
.border{ border-color:rgb(35, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 0, 1); box-shadow:4px  
4px 4px 4px rgb(35, 0, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 10.5790, 20.5390, 7.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 0, 1) }
```

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

```
.background{ background-color: rgb(35, 0,  
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](#).

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