

Converting Colors

YIQ(30.5790, 20.5390, 7.7310)

Have a look what the booklet for
YIQ(30.5790, 20.5390, 7.7310)
contains.

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Color

**YIQ(30.5790, 20.5390,
7.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	371415
RGB	55, 20, 21
RGB Percent	22%, 8%, 8%
CMY	0.7842, 0.9216, 0.9176
CMYK	0.00, 0.64, 0.62, 0.78
HSL	358°, 47%, 15%
HSV	358°, 64%, 22%
XYZ	1.9622, 1.3668, 0.8709
YIQ	30.5790, 20.5390, 7.7310

Conversions

Conversions Part 2

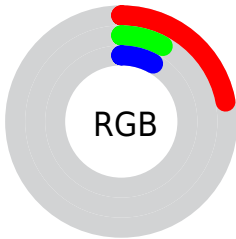
Format	Color
R_{YB}	55, 20, 21
Decimal	3609621
CIE _{Lab}	11.74, 17.61, 7.78
CIE _{LCh}	12, 19.255, 23.821
Yxy	1.3668, 0.4672, 0.3254
Android (android.graphics.Color)	4281799701 (0xFF371415)
YUV	30.5790, -4.7224, 21.4172
Hunter-Lab	11.6912, 9.4985, 3.7673

Details

The YIQ color **30.5790, 20.5390, 7.7310** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **44.4210, -20.5390, -7.7310**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **75.8460, 24.1610, 8.1690**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.4870, 23.7940, 9.3140**, and if you desaturate by 10%, it is **34.0840, 17.5590, 6.6710**.

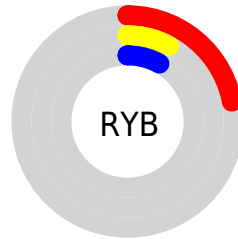
Distribution



Red (22%)

Green (8%)

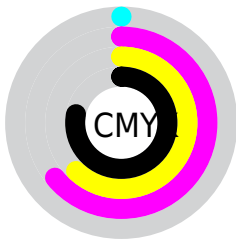
Blue (8%)



Red (22%)

Yellow (8%)

Blue (8%)

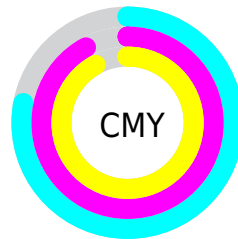


Cyan (0%)

Magenta (64%)

Yellow (62%)

Black (78%)



Cyan (78%)


Magenta (92%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 30.5790, 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 30.5790, 20.5390, 7.7310 by changing the saturation by 10% instead.

 30.5790, 20.5390,
7.7310


 30.5790, 20.5390,
7.7310


 249.8650, 4.8140,
0.8620


 10.4650, 20.8600,
7.4200


 75.8460, 24.1610,
8.1690

 0.0000, 0.0000,
0.0000

 99.7430, 25.9490,
8.8050

 125.3410, 27.1410,
9.2290

 151.5260, 28.0580,
9.1300

 178.4230, 29.8460,
9.7660

 205.7220, 30.4420,

9.9780

■ 229.5360, 22.0980,
7.0100

■ 30.5790, 20.5390,
7.7310

■ 30.5790, 20.5390,
7.7310

■ 26.4870, 23.7940,
9.3140

■ 34.0840, 17.5590,
6.6710

■ 22.8680, 27.0950,
10.0630

■ 38.2900, 13.9830,
5.3990

■ 18.7760, 30.3500,
11.6460

■ 41.7950, 11.0030,
4.3390

■ 16.6730, 32.1380,
12.2820

■ 45.8870, 7.7480,
2.7560

■ 49.5060, 4.4470,
2.0070

■ 53.5980, 1.1920,
0.4240

■ 57.6900, -2.0630,
-1.1590

■ 61.3090, -5.3640,
-1.9080

■ 65.4010, -8.6190,
-3.4910

Harmonies

Analogous

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



31.1750, 16.0450, 12.0850



30.5790, 20.5390, 7.7310



29.9070, 22.1910, -0.1850

Triad

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



30.5790, 20.5390, 7.7310



26.3160, -7.2420, -11.9300



25.8690, -27.3720, 0.4680

Complementary

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



30.5790, 20.5390, 7.7310



44.4210, -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.



27.0600, -26.5920, -2.6560



30.5790, 20.5390, 7.7310



24.9110, -19.1630, -10.6430

Square

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



30.5790, 20.5390, 7.7310



28.0420, 8.2090, -11.1110



26.3930, -23.3360, -6.6000



31.3660, -9.5380, 7.6620

Rectangle

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



30.5790, 20.5390, 7.7310



29.8910, 19.1200, -5.1040



26.3930, -23.3360, -6.6000



26.3420, -27.3260, -0.3660

Sweetspot

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



30.5790, 20.5390, 7.7310



61.8870, 7.7480, 2.7560



34.1560, 9.0290, 18.0930



29.8050, 5.0430, 2.2190



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



30.5790, 20.5390, 7.7310



33.3740, 31.5420, 12.0700



39.8570, 16.4600, -0.9480



25.8970, 1.7880, 0.6360



27.8500, 53.8690, 20.4370



66.1650, 128.5980, 48.2940

Inverse Universe

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



30.5790, 20.5390, 7.7310



33.3740, 31.5420, 12.0700



35.1430, -16.4600, 0.9480



25.8970, 1.7880, 0.6360



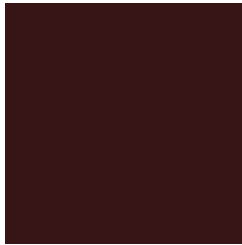
27.8500, 53.8690, 20.4370



66.1650, 128.5980, 48.2940

Previews

White Background



This preview shows how the YIQ color 30.5790, 20.5390, 7.7310 looks on a white background.

Color Contrast Check

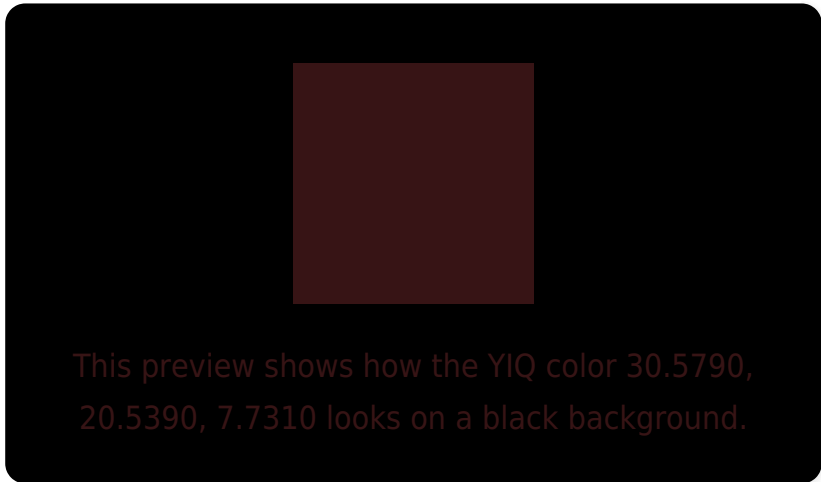
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5790, 20.5390, 7.7310

Background



This preview shows how black text looks on a background with the YIQ color 30.5790, 20.5390, 7.7310.



This preview shows how white text looks on a background with the YIQ color 30.5790, 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

30.5790, 20.5390, 7.7310

Protanopia

31.9140, 3.1180, -1.4420

Deuteranopia

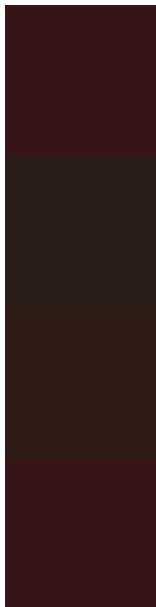
32.0240, 8.6200, -2.0360



Tritanopia

30.5790, 20.5390, 7.7310

Trichromacy



Original Color

30.5790, 20.5390, 7.7310

Protanomaly

31.7300, 9.6280, 1.7240

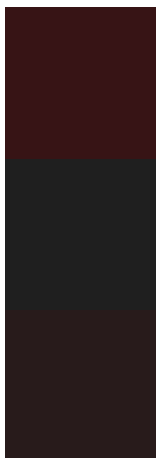
Deuteranomaly

31.5840, 12.9750, 1.6390

Tritanomaly

30.5790, 20.5390, 7.7310

Monochromacy



Original Color

30.5790, 20.5390, 7.7310

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.5790, 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(55, 20, 21)` looks like.

```
.text, #text, p{  
    color:rgb(55, 20, 21)  
}
```

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(55, 20, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 20, 21) }
```

Border

The CSS property to change the border of an element to YIQ 30.5790, 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(55, 20, 21) }
```


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

```
.border{ border-color:rgb(55, 20, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 20, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 20, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 20, 21);  
box-shadow:4px 4px 4px 4px rgb(55, 20, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.5790, 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(55, 20, 21) }
```

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

```
.background{ background-color: rgb(55, 20,  
21) }
```

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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