

Converting Colors

YIQ(20.2690, 18.4760, 6.5720)

Have a look what the booklet for
YIQ(20.2690, 18.4760, 6.5720)
contains.

YIQ(20.2690, 18.4760, 6.5720)	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(20.2690, 18.4760,
6.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0B0B
RGB	42, 11, 11
RGB Percent	16%, 4%, 4%
CMY	0.8352, 0.9569, 0.9568
CMYK	0.00, 0.74, 0.74, 0.84
HSL	360°, 59%, 10%
HSV	360°, 74%, 16%
XYZ	1.1357, 0.7559, 0.4032
YIQ	20.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

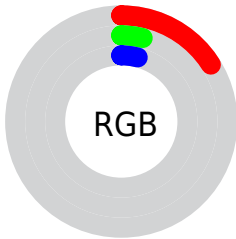
Format	Color
RYB	42, 11, 11
Decimal	2755339
CIELab	6.83, 15.91, 6.00
CIELCh	7, 17.006, 20.677
Yxy	0.7559, 0.4949, 0.3294
Android (android.graphics.Color)	4280945419 (0xFF2A0B0B)
YUV	20.2690, -4.5696, 19.0581
Hunter-Lab	8.6942, 8.1012, 3.3362

Details

The YIQ color **20.2690, 18.4760, 6.5720** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.7310, -18.4760, -6.5720**, and the grayscale version is **20.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **64.5790, 20.5390, 7.7310**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.4650, 20.8600, 7.4200**, and if you desaturate by 10%, it is **23.0730, 16.0920, 5.7240**.

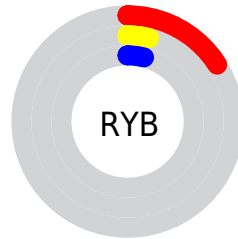
Distribution



Red (16%)

Green (4%)

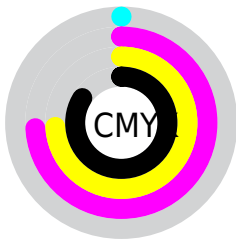
Blue (4%)



Red (16%)

Yellow (4%)

Blue (4%)

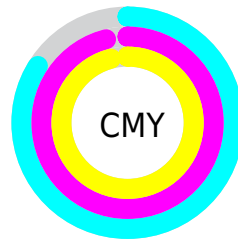


Cyan (0%)

Magenta (74%)

Yellow (74%)

Black (84%)



Cyan (84%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 20.2690, 18.4760, 6.5720 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 20.2690, 18.4760, 6.5720 by changing the saturation by 10% instead.

■ 20.2690, 18.4760,
6.5720

■ 20.2690, 18.4760,
6.5720

■ 240.9800, 11.9200,
4.2400

■ 1.7940, 3.5760,
1.2720

■ 64.5790, 20.5390,
7.7310

■ 0.0000, 0.0000,
0.0000

■ 88.1770, 21.7310,
8.1550


■ 112.7750, 22.9230,
8.5790


■ 138.3730, 24.1150,
9.0030


■ 164.8570, 25.6280,
9.1160


■ 192.1560, 26.2240,


9.3280


 220.4550, 26.8200,
9.5400


 20.2690, 18.4760,
6.5720


 20.2690, 18.4760,
6.5720


 17.4650, 20.8600,
7.4200


 23.0730, 16.0920,
5.7240


 14.6610, 23.2440,
8.2680

 25.8770, 13.7080,
4.8760

 12.5580, 25.0320,
8.9040

 29.3820, 10.7280,
3.8160

 32.1860, 8.3440,
2.9680

 34.9900, 5.9600,
2.1200

■ 37.7940, 3.5760,
1.2720

■ 40.5980, 1.1920,
0.4240

■ 44.1030, -1.7880,
-0.6360

■ 46.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



21.2670, 12.7900, 10.5020



20.2690, 18.4760, 6.5720



20.4660, 19.1190, 0.4230

Triad

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



20.2690, 18.4760, 6.5720



16.1590, -5.3620, -12.9620



18.9900, -20.4030, 0.8210

Complementary

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



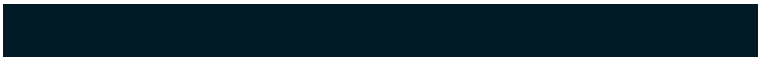
20.2690, 18.4760, 6.5720



32.7310, -18.4760, -6.5720

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.



19.5940, -19.3480, -1.7800



20.2690, 18.4760, 6.5720



18.2600, -12.8360, -9.6680

Square

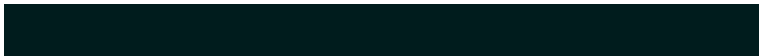
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.2690, 18.4760, 6.5720



19.4810, 5.5950, -7.7890



19.7420, -17.0090, -5.6250



20.4260, -9.7670, 6.3050

Rectangle

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



20.2690, 18.4760, 6.5720



20.7320, 15.3140, -2.2060



19.7420, -17.0090, -5.6250



19.4630, -20.3570, -0.0130

Sweetspot

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



20.2690, 18.4760, 6.5720



45.5880, 7.1520, 2.5440



23.8030, 8.5250, 16.2130



23.0930, 4.1720, 1.4840



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



20.2690, 18.4760, 6.5720



20.3520, 28.6080, 10.1760



29.0740, 14.3510, -1.2730



18.5980, 1.1920, 0.4240



25.1160, 50.0640, 17.8080



63.3880, 126.3520, 44.9440

Inverse Universe

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



20.2690, 18.4760, 6.5720



20.3520, 28.6080, 10.1760



23.9260, -14.3510, 1.2730



18.5980, 1.1920, 0.4240



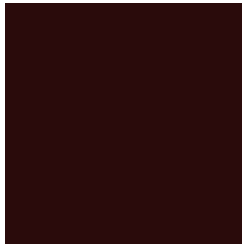
25.1160, 50.0640, 17.8080



63.3880, 126.3520, 44.9440

Previews

White Background



This preview shows how the YIQ color 20.2690, 18.4760, 6.5720 looks on a white background.

Color Contrast Check

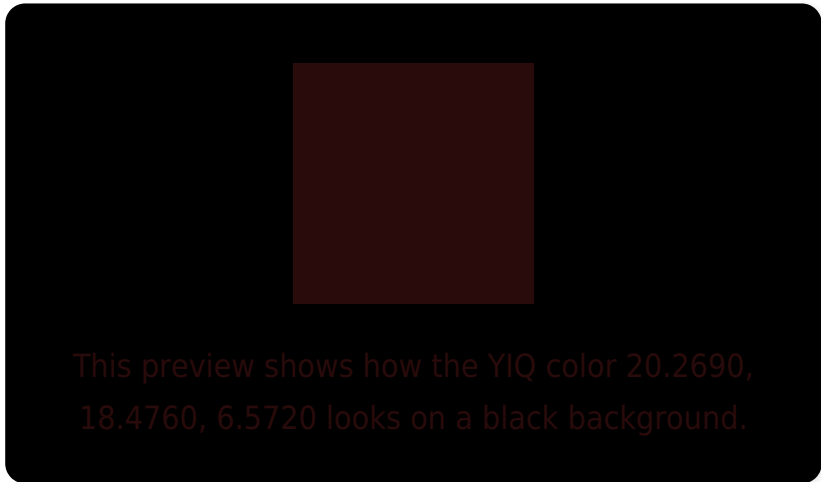
Large Text (above 18pt) WCAG AA ✓ Pass

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

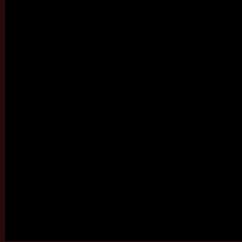
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 20.2690, 18.4760, 6.5720

Background



This preview shows how black text looks on a background with the YIQ color 20.2690, 18.4760, 6.5720.



This preview shows how white text looks on a background with the YIQ color 20.2690, 18.4760,

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

20.2690, 18.4760, 6.5720

Protanopia

22.6860, 3.7600, -2.0640

Deuteranopia

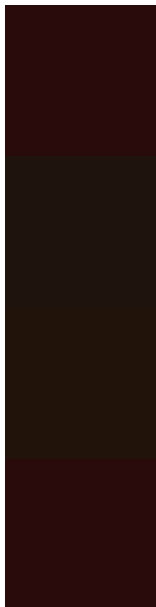
22.3120, 7.7490, -2.7710



Tritanopia

20.2690, 18.4760, 6.5720

Trichromacy



Original Color

20.2690, 18.4760, 6.5720

Protanomaly

22.0180, 8.7570, 0.9890

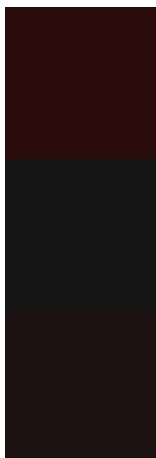
Deuteranomaly

21.5730, 11.5080, 0.6920

Tritanomaly

20.2690, 18.4760, 6.5720

Monochromacy



Original Color

20.2690, 18.4760, 6.5720

Achromatopsia

20.0000, 0.0000, -0.0000

Achromatomaly

20.2890, 6.5560, 2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 20.2690, 18.4760, 6.5720 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(42, 11, 11)` looks like.

```
.text, #text, p{  
    color:rgb(42, 11, 11)  
}
```

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(42, 11, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 11, 11) }
```

Border

The CSS property to change the border of an element to YIQ 20.2690, 18.4760, 6.5720 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(42, 11, 11) }
```


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

```
.border{ border-color:rgb(42, 11, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 11, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 11, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 11, 11);  
box-shadow:4px 4px 4px 4px rgb(42, 11, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 20.2690, 18.4760, 6.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 11, 11) }
```

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

```
.background{ background-color: rgb(42, 11,  
11) }
```

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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