

Converting Colors

XYZ(7.0404, 3.5154, 3.1403)

Have a look what the booklet for
XYZ(7.0404, 3.5154, 3.1403)
contains.

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Color

XYZ(7.0890, 3.5929, 3.1162)

Conversions

Conversions Part 1	
Format	Color
Hex	6F0030
RGB	111, 0, 48
RGB Percent	44%, 0%, 19%
CMY	0.5647, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.57, 0.56
HSL	334°, 100%, 22%
HSV	334°, 100%, 44%
XYZ	7.0890, 3.5929, 3.1162
YIQ	38.6610, 50.7480, 38.4600

Conversions

Conversions Part 2

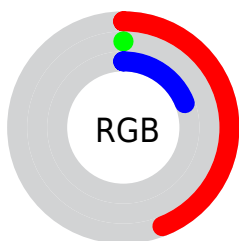
Format	Color
RYB	111, 0, 48
Decimal	7274544
CIELab	22.28, 45.48, 4.82
CIELCh	22, 45.735, 6.048
Yxy	3.5929, 0.5138, 0.2604
Android (android.graphics.Color)	4285464624 (0xFF6F0030)
YUV	38.6610, 4.6041, 63.4413
Hunter-Lab	18.9549, 33.5864, 3.5212

Details

The XYZ color **7.0890, 3.5929, 3.1162** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **6.5820, 11.7278, 6.6209**, and the grayscale version is **1.8925, 1.9911, 2.1683**.

A 20% lighter version of the original color is **19.9463, 12.6880, 11.9874**, and **1.8091, 0.9320, 0.1133** is the 20% darker color. If you saturate the color by 10%, you get **7.0888, 3.5928, 3.1155**, and if you desaturate by 10%, it is **7.3494, 3.8906, 3.8908**.

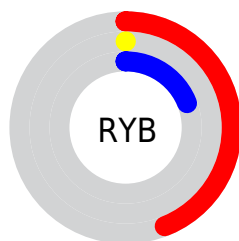
Distribution



Red (44%)

Green (0%)

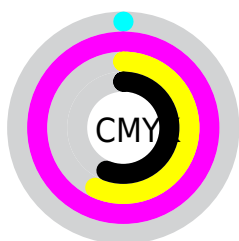
Blue (19%)



Red (44%)

Yellow (0%)

Blue (19%)

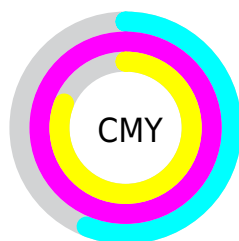


Cyan (0%)

Magenta (100%)

Yellow (57%)

Black (56%)



Cyan (56%)


Magenta (100%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.0890, 3.5929, 3.1162 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 XYZ color 7.0890, 3.5929, 3.1162 by changing the saturation by 10% instead.


 7.0890, 3.5929,
3.1162


 7.0890, 3.5929,
3.1162


162.9298,
135.2303, 137.8271


 3.5646, 1.4485,
1.1543

 19.8550, 12.6801,
11.9138

 1.4589, 0.2521,
0.0000


 29.8273, 20.3916,
19.5866

 0.2976, 0.0000,
0.0000

 42.6797, 30.7278,
30.0001


 0.0000, 0.0000,
0.0000


 58.7775, 44.0728,
43.5729


 78.4861, 60.8112,
60.7234


 102.1707, 81.3273,


81.8703


 130.1968,
106.0056, 107.4320


 7.0890, 3.5929,
3.1162


 7.0890, 3.5929,
3.1162


 7.0888, 3.5928,
3.1155

 7.3494, 3.8906,
3.8908

 7.6780, 4.2940,
4.7830

 8.1182, 4.8886,
5.8105

 8.6809, 5.6954,
6.9804

 9.3757, 6.7325,
8.2989

■ 10.2114, 8.0164,
9.7718

■ 11.1957, 9.5618,
11.4047

■ 12.3359, 11.3823,
13.2026

■ 13.6388, 13.4906,
15.1704

Harmonies

Analogous

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



6.7232, 3.5929, 8.2300



7.0890, 3.5929, 3.1162



6.2641, 3.5929, 0.8037

Triad

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



7.0890, 3.5929, 3.1162



2.0016, 3.5929, 0.1001



2.3869, 3.5929, 17.0459

Complementary

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



7.0890, 3.5929, 3.1162



6.5820, 11.7278, 6.6209

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.



1.5950, 3.5929, 10.9152



7.0890, 3.5929, 3.1162



1.4216, 3.5929, 1.4520

Square

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



7.0890, 3.5929, 3.1162



3.1244, 3.5929, 0.0000



1.2978, 3.5929, 4.8330



3.7230, 3.5929, 18.8540

Rectangle

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



7.0890, 3.5929, 3.1162



5.2592, 3.5929, 0.0330



1.2978, 3.5929, 4.8330



2.0618, 3.5929, 15.2798

Sweetspot

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



7.0891, 3.5931, 3.1163



19.8918, 16.8749, 20.1692



4.9131, 2.2016, 15.2047



4.6351, 3.8273, 4.6102



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



7.0891, 3.5931, 3.1163



12.6317, 6.4088, 5.2514



6.6360, 3.5404, 0.3339



3.4388, 3.4232, 3.8375



8.3407, 4.2287, 3.6043



41.1325, 20.8983, 15.7617

Inverse Universe

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



7.0891, 3.5931, 3.1163



12.6317, 6.4088, 5.2514



7.7795, 10.9681, 16.7458



3.4388, 3.4232, 3.8375



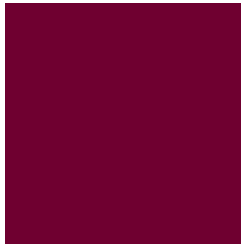
8.3407, 4.2287, 3.6043



41.1325, 20.8983, 15.7617

Previews

White Background



This preview shows how the XYZ color 7.0890, 3.5929, 3.1162 looks on a white background.

Color Contrast Check

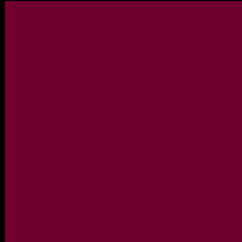
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 7.0890, 3.5929, 3.1162 looks on a 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](#).

XYZ 7.0890, 3.5929, 3.1162

Background



This preview shows how black text looks on a background with the XYZ color 7.0890, 3.5929, 3.1162.



This preview shows how white text looks on a background with the XYZ color 7.0890, 3.5929, 3.1162.

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

7.0890, 3.5929, 3.1162

Protanopia

4.0899, 4.1527, 6.3803

Deuteranopia

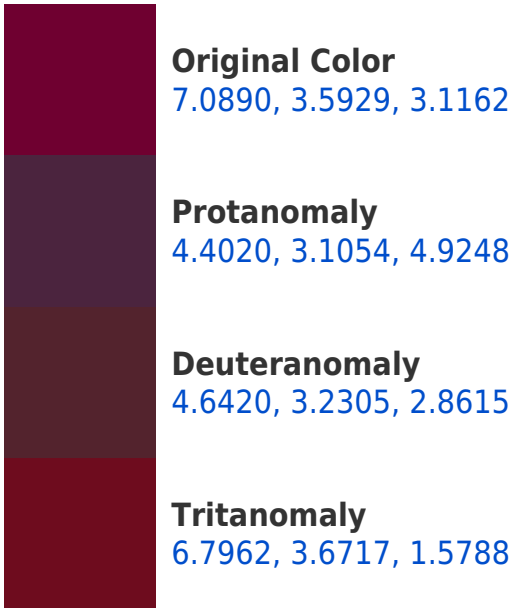
4.1170, 4.1001, 2.8599



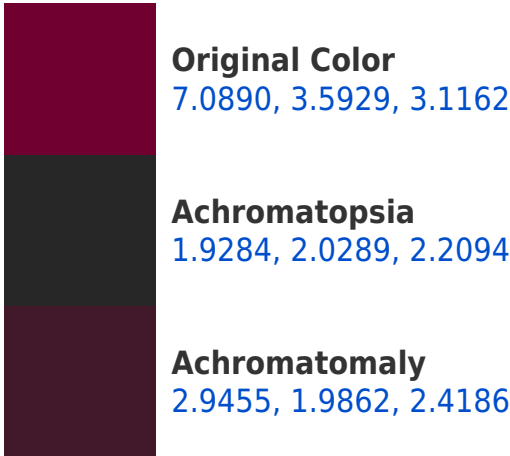
Tritanopia

6.7808, 3.8278, 0.9975

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.0890, 3.5929, 3.1162 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(111, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(111, 0, 48)  
}
```

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(111, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 0, 48) }
```

Border

The CSS property to change the border of an element to XYZ 7.0890, 3.5929, 3.1162 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(111, 0, 48) }
```

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

```
.border{ border-color:rgb(111, 0, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 0, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(111, 0, 48)  
}
```


Background

The CSS property to change the background color of an element to XYZ 7.0890, 3.5929, 3.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 0, 48) }
```

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

```
.background{ background-color: rgb(111, 0,  
48) }
```

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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