

Converting Colors

XYZ(5.8622, 0.8664, 13.0841)

Have a look what the booklet for
XYZ(5.8622, 0.8664, 13.0841)
contains.

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Color

**XYZ(7.1148, 3.3792,
13.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	5E0068
RGB	94, 0, 104
RGB Percent	37%, 0%, 41%
CMY	0.6314, 1.0000, 0.5922
CMYK	0.10, 1.00, 0.00, 0.59
HSL	294°, 100%, 20%
HSV	294°, 100%, 41%
XYZ	7.1148, 3.3792, 13.3740
YIQ	39.9620, 22.6400, 52.2720

Conversions

Conversions Part 2

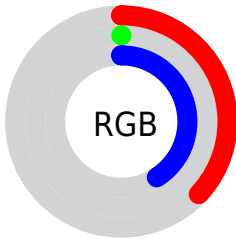
Format	Color
R_{YB}	94, 0, 104
Decimal	6160488
CIE _{Lab}	21.50, 49.07, -34.76
CIE _{LCh}	22, 60.136, 324.691
Yxy	3.3792, 0.2981, 0.1416
Android (android.graphics.Color)	4284350568 (0xFF5E0068)
YUV	39.9620, 31.5707, 47.3913
Hunter-Lab	18.3826, 36.9171, -30.2678

Details

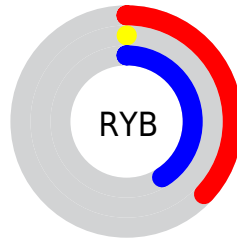
The XYZ color **7.1148, 3.3792, 13.3740** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **5.0756, 9.9653, 1.6562**, and the grayscale version is **1.9851, 2.0885, 2.2744**.

A 20% lighter version of the original color is **19.9910, 12.2512, 32.7636**, and **1.7960, 0.8434, 3.8095** is the 20% darker color. If you saturate the color by 10%, you get **7.1148, 3.3792, 13.3740**, and if you desaturate by 10%, it is **7.3311, 3.6584, 13.4165**.

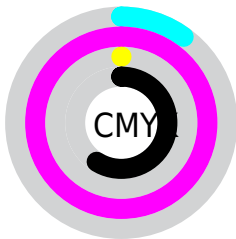
Distribution



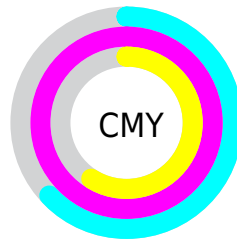
- Red (37%)
- Green (0%)
- Blue (41%)



- Red (37%)
- Yellow (0%)
- Blue (41%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)





- Cyan (63%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.1148, 3.3792, 13.3740 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 7.1148, 3.3792, 13.3740 by changing the saturation by 10% instead.


 7.1148, 3.3792,
13.3740


 7.1148, 3.3792,
13.3740


163.1382,
132.7958, 224.5922


 3.5810, 1.3328,
7.5528


 19.9062, 12.1812,
32.6751


 1.4679, 0.1664,
3.7265

 29.8945, 19.7056,
46.9920


 0.3038, 0.0000,
1.4766

 42.7651, 29.8247,
64.9780

 0.0000, 0.0000,
0.2004


 58.8831, 42.9230,
87.0516


 0.0000, 0.0000,
0.0000


 78.6141, 59.3849,
113.6312

 102.3234, 79.5947,


145.1355


 130.3763,
103.9369, 181.9830

 7.1148, 3.3792,
13.3740

 7.3311, 3.6584,
13.4165

 7.5873, 4.0156,
13.4720

 7.9240, 4.5317,
13.5539

 8.3499, 5.2244,
13.6651

 8.8727, 6.1088,
13.8083

■ 9.4992, 7.1985,
13.9856

■ 10.2355, 8.5060,
14.1991

■ 11.0874, 10.0425,
14.4508

■ 12.0602, 11.8187,
14.7424

Harmonies

Analogous

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



4.9539, 3.3792, 23.1082



7.1148, 3.3792, 13.3740



8.2663, 3.3792, 4.7134

Triad

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



7.1148, 3.3792, 13.3740



3.5551, 3.3792, 0.0000



0.9318, 3.3792, 9.8492

Complementary

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



7.1148, 3.3792, 13.3740



5.0756, 9.9653, 1.6562

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.



0.8009, 3.3792, 2.8088



7.1148, 3.3792, 13.3740



1.9351, 3.3792, 0.0000

Square

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



7.1148, 3.3792, 13.3740



5.7611, 3.3792, 0.0000



1.0849, 3.3792, 0.1619



1.5536, 3.3792, 20.0230

Rectangle

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



7.1148, 3.3792, 13.3740



8.0765, 3.3792, 1.6417



1.0849, 3.3792, 0.1619



0.8426, 3.3792, 6.9451

Sweetspot

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



7.1150, 3.3793, 13.3741



17.8395, 14.7123, 24.8766



2.6118, 1.2255, 13.1957



4.2509, 3.4085, 6.0397



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



7.1150, 3.3793, 13.3741



12.4317, 5.9024, 23.4611



6.5896, 3.2955, 4.9044



2.9113, 2.8763, 3.5337



8.7562, 4.1582, 16.4854



45.2649, 21.4791, 85.9616

Inverse Universe

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



5.7638, 2.9651, 0.5559



10.0884, 5.1924, 0.8511



5.3613, 10.0651, 3.8137



2.8392, 2.8503, 3.0258



7.0980, 3.6522, 0.6485



36.8614, 18.9846, 2.5477

Previews

White Background



This preview shows how the XYZ color 7.1148, 3.3792, 13.3740 looks on a white background.

Color Contrast Check

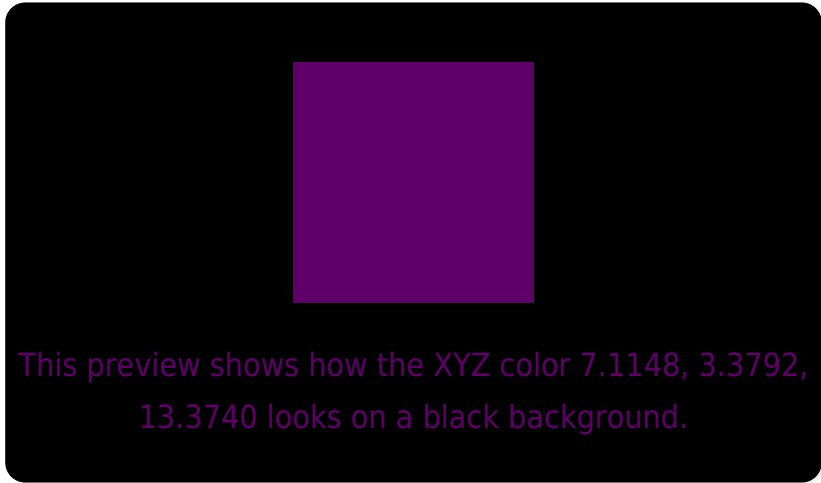
Large Text (above 18pt) WCAG AA ✓ Pass

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

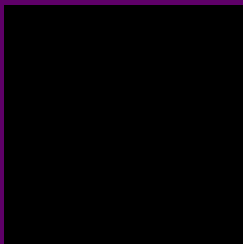
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.1148, 3.3792, 13.3740

Background



This preview shows how black text looks on a background with the XYZ color 7.1148, 3.3792, 13.3740.



This preview shows how white text looks on a background with the XYZ color 7.1148, 3.3792, 13.3740.

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

7.1148, 3.3792, 13.3740

Protanopia

4.2537, 3.7385, 16.1202

Deuteranopia

3.8682, 3.8388, 12.0924



Tritanopia

5.1780, 3.7940, 2.8423

Trichromacy



Original Color

7.1148, 3.3792, 13.3740

Protanomaly

4.0462, 2.6099, 15.0424

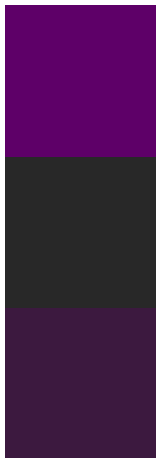
Deuteranomaly

4.0578, 2.7627, 12.3760

Tritanomaly

5.5692, 3.3058, 5.4988

Monochromacy



Original Color

7.1148, 3.3792, 13.3740

Achromatopsia

2.0169, 2.1219, 2.3108

Achromatomaly

3.1083, 2.0148, 4.9277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.1148, 3.3792, 13.3740 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(94, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 104)  
}
```

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(94, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 104) }
```

Border

The CSS property to change the border of an element to XYZ 7.1148, 3.3792, 13.3740 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(94, 0, 104) }
```


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

```
.border{ border-color:rgb(94, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 104)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.1148, 3.3792, 13.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 104) }
```

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

```
.background{ background-color: rgb(94, 0,  
104) }
```

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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