

Converting Colors

XYZ(13.4176, 6.9925, 1.7554)

Have a look what the booklet for
XYZ(13.4176, 6.9925, 1.7554)
contains.

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Color

**XYZ(13.4116, 6.9864,
1.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	99061C
RGB	153, 6, 28
RGB Percent	60%, 2%, 11%
CMY	0.4000, 0.9764, 0.8902
CMYK	0.00, 0.96, 0.82, 0.40
HSL	351°, 92%, 31%
HSV	351°, 96%, 60%
XYZ	13.4116, 6.9864, 1.7402
YIQ	52.4610, 80.5500, 38.0060

Conversions

Conversions Part 2

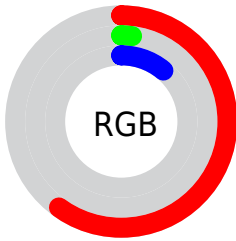
Format	Color
RYB	153, 6, 28
Decimal	10028572
CIELab	31.78, 54.38, 31.99
CIELCh	32, 63.089, 30.472
Yxy	6.9864, 0.6058, 0.3156
Android (android.graphics.Color)	4288218652 (0xFF99061C)
YUV	52.4610, -12.0593, 88.1727
Hunter-Lab	26.4318, 44.3160, 14.5988

Details

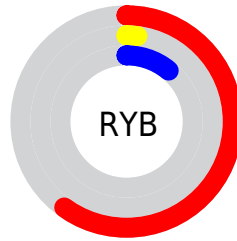
The XYZ color **13.4116, 6.9864, 1.7402** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **15.5648, 24.4605, 25.3818**, and the grayscale version is **3.3276, 3.5009, 3.8125**.

A 20% lighter version of the original color is **31.7101, 19.9471, 8.3098**, and **4.5142, 2.3272, 0.2113** is the 20% darker color. If you saturate the color by 10%, you get **13.2902, 6.8336, 1.4227**, and if you desaturate by 10%, it is **13.8114, 7.4807, 2.8149**.

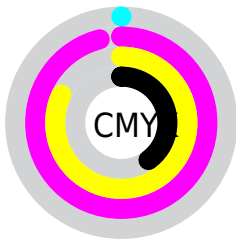
Distribution



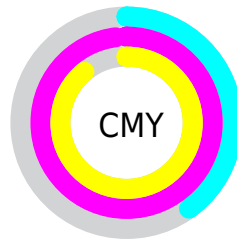
- Red (60%)
- Green (2%)
- Blue (11%)



- Red (60%)
- Yellow (2%)
- Blue (11%)



- Cyan (0%)
- Magenta (96%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (98%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4116, 6.9864, 1.7402 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 13.4116, 6.9864, 1.7402 by changing the saturation by 10% instead.

■ 13.4116, 6.9864,
1.7402

■ 13.4116, 6.9864,
1.7402

207.1237,
167.5506, 118.2025

■ 7.7915, 3.4536,
0.3881

■ 31.6363, 19.9458,
8.3175

■ 4.0125, 1.3729,
0.0000

■ 44.9717, 30.1413,
14.4870

■ 1.7092, 0.1966,
0.0000

■ 61.6096, 43.3264,
23.1350

■ 0.4620, 0.0000,
0.0000

■ 81.9153, 59.8855,
34.6801


■ 0.0000, 0.0000,
0.0000


■ 106.2542, 80.2031,
49.5409


■ 134.9917,


104.6636, 68.1358


 168.4931,
133.6513, 90.8835


 13.4116, 6.9864,
1.7402


 13.4116, 6.9864,
1.7402


 13.2902, 6.8336,
1.4227

 13.8114, 7.4807,
2.8149

 14.4531, 8.3386,
4.3407

 15.3755, 9.6270,
6.3637

 16.6070, 11.3930,
8.9226

 18.1721, 13.6774,
12.0522

■ 20.0932, 16.5166,
15.7845

■ 22.3905, 19.9438,
20.1490

■ 25.0827, 23.9897,
25.1732

■ 28.1873, 28.6825,
30.8830

Harmonies

Analogous

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



14.8038, 6.9864, 7.4638



13.4116, 6.9864, 1.7402



10.1252, 6.9864, 0.0000

Triad

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



13.4116, 6.9864, 1.7402



2.6198, 6.9864, 1.8352



6.6908, 6.9864, 41.8888

Complementary

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



13.4116, 6.9864, 1.7402



15.5648, 24.4605, 25.3818

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.



4.0638, 6.9864, 35.2025



13.4116, 6.9864, 1.7402



2.2162, 6.9864, 7.7520

Square

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



13.4116, 6.9864, 1.7402



4.0013, 6.9864, 0.0287



2.6469, 6.9864, 20.3594



10.2411, 6.9864, 34.8039

Rectangle

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



13.4116, 6.9864, 1.7402



7.7027, 6.9864, 0.0000



2.6469, 6.9864, 20.3594



5.6805, 6.9864, 41.1432

Sweetspot

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



13.4118, 6.9868, 1.7403



38.5763, 33.4398, 33.2096



15.1679, 7.2522, 30.7372



8.1654, 6.8580, 6.6624



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



13.4118, 6.9868, 1.7403



23.7577, 12.2209, 2.3177



14.6560, 9.7579, 1.2840



6.2446, 6.2370, 6.6681



10.9925, 5.6512, 1.2195



0.1728, 0.0879, 0.0626

Inverse Universe

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



13.4118, 6.9868, 1.7403



23.7577, 12.2209, 2.3177



10.5331, 11.7548, 31.8505



6.2446, 6.2370, 6.6681



10.9925, 5.6512, 1.2195



0.1728, 0.0879, 0.0626

Previews

White Background



This preview shows how the XYZ color 13.4116, 6.9864, 1.7402 looks on a white background.

Color Contrast Check

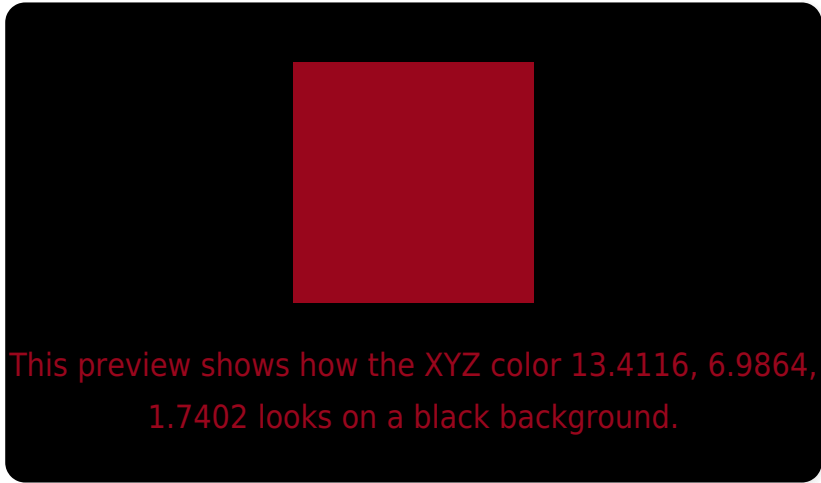
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4116, 6.9864, 1.7402

Background



This preview shows how black text looks on a background with the XYZ color 13.4116, 6.9864, 1.7402.



This preview shows how white text looks on a background with the XYZ color 13.4116, 6.9864,

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

13.4116, 6.9864, 1.7402

Protanopia

6.9253, 7.5619, 3.4775

Deuteranopia

7.5720, 7.5287, 1.5060



Tritanopia

13.2808, 7.0602, 0.6628

Trichromacy



Original Color

13.4116, 6.9864, 1.7402

Protanomaly

8.0083, 5.9109, 2.5526

Deuteranomaly

8.6958, 6.0987, 1.3807

Tritanomaly

13.3002, 7.0113, 0.9395

Monochromacy



Original Color

13.4116, 6.9864, 1.7402

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.1569, 3.5003, 2.6893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4116, 6.9864, 1.7402 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(153, 6, 28)` looks like.

```
.text, #text, p{  
  color:rgb(153, 6, 28)  
}
```

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(153, 6, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 6, 28) }
```

Border

The CSS property to change the border of an element to XYZ 13.4116, 6.9864, 1.7402 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(153, 6, 28) }
```


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

```
.border{ border-color:rgb(153, 6, 28) }
```

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

Here you see how a box with a 4 pixel rgb(153, 6, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 6, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 6, 28);  
box-shadow:4px 4px 4px 4px rgb(153, 6, 28)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.4116, 6.9864, 1.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 6, 28) }
```

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

```
.background{ background-color: rgb(153, 6,  
28) }
```

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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