

Converting Colors

XYZ(13.5162, 7.0852, 0.6366)

Have a look what the booklet for
XYZ(13.5162, 7.0852, 0.6366)
contains.

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Color

**XYZ(13.5935, 7.1205,
0.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	9B0700
RGB	155, 7, 0
RGB Percent	61%, 3%, 0%
CMY	0.3922, 0.9725, 1.0000
CMYK	0.00, 0.95, 1.00, 0.39
HSL	3°, 100%, 30%
HSV	3°, 100%, 61%
XYZ	13.5935, 7.1205, 0.6579
YIQ	50.4540, 90.4550, 29.1990

Conversions

Conversions Part 2

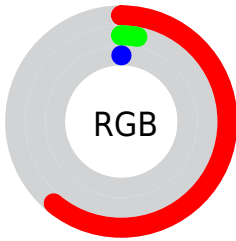
Format	Color
RYB	155, 7, 0
Decimal	10159872
CIELab	32.08, 54.24, 45.90
CIELCh	32, 71.053, 40.240
Yxy	7.1205, 0.6360, 0.3332
Android (android.graphics.Color)	4288349952 (0xFF9B0700)
YUV	50.4540, -24.8738, 91.6868
Hunter-Lab	26.6843, 44.2340, 17.2172

Details

The XYZ color **13.5935, 7.1205, 0.6579** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16.5024, 23.5386, 34.6836**, and the grayscale version is **3.1054, 3.2671, 3.5579**.

A 20% lighter version of the original color is **32.0314, 20.2877, 5.0240**, and **4.6161, 2.3797, 0.2160** is the 20% darker color. If you saturate the color by 10%, you get **13.5937, 7.1210, 0.6580**, and if you desaturate by 10%, it is **13.8908, 7.5714, 1.2002**.

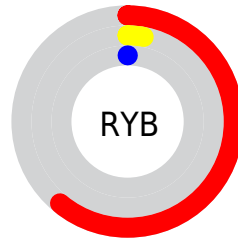
Distribution



Red (61%)

Green (3%)

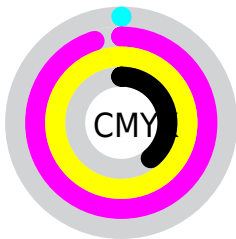
Blue (0%)



Red (61%)

Yellow (3%)

Blue (0%)

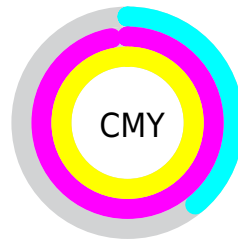


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (39%)



Cyan (39%)


Magenta (97%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5935, 7.1205, 0.6579 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 13.5935, 7.1205, 0.6579 by changing the saturation by 10% instead.


 13.5935, 7.1205,
0.6579


 13.5935, 7.1205,
0.6579


 208.2487,
168.6612, 96.5871


 7.9183, 3.5376,
0.0000


 31.9583, 20.2152,
4.9706


 4.0941, 1.4184,
0.0000

 45.3786, 30.4958,
9.5048


 1.7555, 0.2302,
0.0000

 62.1114, 43.7777,
16.1927

 0.4906, 0.0000,
0.0000

 82.5219, 60.4454,
25.4529


 0.0000, 0.0000,
0.0000


 106.9755, 80.8832,
37.7039


 135.8376,


105.4755, 53.3642


 169.4736,
134.6067, 72.8524


 13.5935, 7.1205,
0.6579


 13.5935, 7.1205,
0.6579


 13.5937, 7.1210,
0.6580

 13.8908, 7.5714,
1.2002

 14.4145, 8.3670,
2.1516

 15.2226, 9.5739,
3.6824

 16.3476, 11.2378,
5.8649

 17.8180, 13.3980,
8.7610

■ 19.6586, 16.0897,
12.4253

■ 21.8925, 19.3451,
16.9072

■ 24.5403, 23.1935,
22.2519

■ 27.6218, 27.6624,
28.5013

Harmonies

Analogous

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



16.1891, 7.1205, 4.7215



13.5935, 7.1205, 0.6579



9.4045, 7.1205, 0.0000

Triad

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



13.5935, 7.1205, 0.6579



2.1031, 7.1205, 2.7775



8.0823, 7.1205, 48.5717

Complementary

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



13.5935, 7.1205, 0.6579



16.5024, 23.5386, 34.6836

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.



4.6767, 7.1205, 45.7194



13.5935, 7.1205, 0.6579



1.9689, 7.1205, 11.8646

Square

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



13.5935, 7.1205, 0.6579



3.1934, 7.1205, 0.0750



2.7235, 7.1205, 29.0785



12.3341, 7.1205, 35.0995

Rectangle

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



13.5935, 7.1205, 0.6579



6.7387, 7.1205, 0.0000



2.7235, 7.1205, 29.0785



6.7970, 7.1205, 49.6583

Sweetspot

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



13.5937, 7.1210, 0.6580



38.9534, 34.2755, 29.7679



19.0090, 9.1651, 29.5507



8.4456, 7.2173, 5.9916



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



13.5937, 7.1210, 0.6580



24.3076, 12.6781, 1.1660



16.5852, 13.1040, 1.6552



6.2301, 6.2654, 6.4868



10.9264, 5.7352, 0.5311



0.1686, 0.0962, 0.0097

Inverse Universe

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



16.5024, 23.5386, 34.6836



29.5159, 42.0787, 62.1026



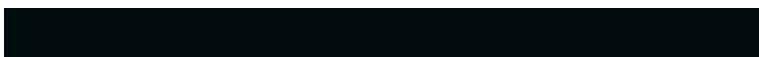
8.2553, 7.0444, 31.9346



6.3606, 6.9786, 7.9407



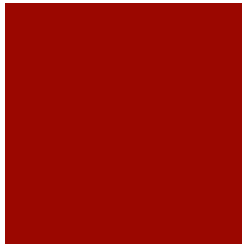
13.2626, 18.9219, 27.8610



0.2046, 0.2956, 0.4186

Previews

White Background



This preview shows how the XYZ color 13.5935, 7.1205, 0.6579 looks on a white background.

Color Contrast Check

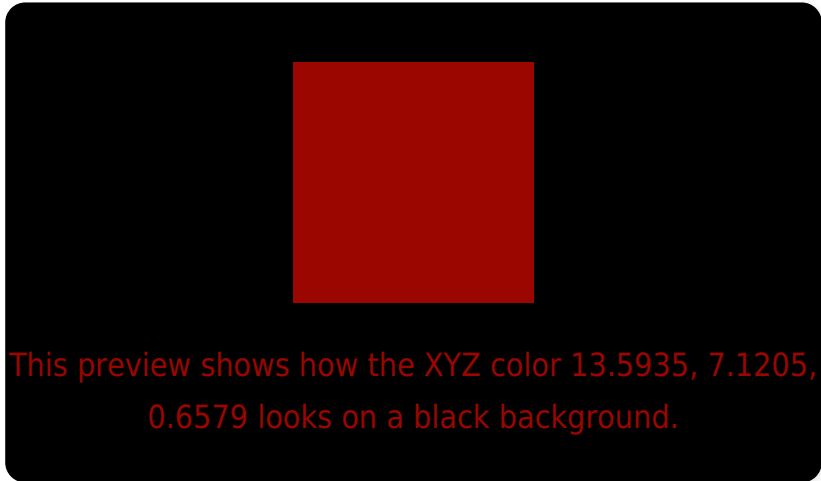
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5935, 7.1205, 0.6579

Background



This preview shows how black text looks on a background with the XYZ color 13.5935, 7.1205, 0.6579.



This preview shows how white text looks on a background with the XYZ color 13.5935, 7.1205,

0.6579.

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

13.5935, 7.1205, 0.6579

Protanopia

6.8752, 7.5740, 1.7614

Deuteranopia

7.5944, 7.5502, 1.0571



Tritanopia

13.4835, 7.1841, 0.6760

Trichromacy



Original Color

13.5935, 7.1205, 0.6579

Protanomaly

7.9827, 5.9298, 1.1046

Deuteranomaly

8.7484, 6.2031, 0.7362

Tritanomaly

13.4461, 7.1094, 0.6636

Monochromacy



Original Color

13.5935, 7.1205, 0.6579

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

4.8572, 3.3230, 1.7519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5935, 7.1205, 0.6579 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(155, 7, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 7, 0)  
}
```

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(155, 7, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 7, 0) }
```

Border

The CSS property to change the border of an element to XYZ 13.5935, 7.1205, 0.6579 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(155, 7, 0) }
```


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

```
.border{ border-color:rgb(155, 7, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 7, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 7, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(155, 7, 0); box-shadow:4px  
4px 4px 4px rgb(155, 7, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5935, 7.1205, 0.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 7, 0) }
```

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

```
.background{ background-color: rgb(155, 7,  
0) }
```

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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