

Converting Colors

XYZ(13.0315, 7.1508, 14.0580)

Have a look what the booklet for
XYZ(13.0315, 7.1508, 14.0580)
contains.

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Color

**XYZ(13.0315, 7.1508,
14.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	871F69
RGB	135, 31, 105
RGB Percent	53%, 12%, 41%
CMY	0.4706, 0.8784, 0.5882
CMYK	0.00, 0.77, 0.22, 0.47
HSL	317°, 63%, 33%
HSV	317°, 77%, 53%
XYZ	13.0315, 7.1508, 14.0580
YIQ	70.5320, 38.2300, 45.0620

Conversions

Conversions Part 2

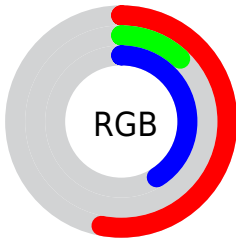
Format	Color
R_{YB}	135, 31, 105
Decimal	8855401
CIE _{Lab}	32.15, 50.29, -18.07
CIE _{LCh}	32, 53.438, 340.235
Yxy	7.1508, 0.3806, 0.2088
Android (android.graphics.Color)	4287045481 (0xFF871F69)
YUV	70.5320, 16.9927, 56.5384
Hunter-Lab	26.7410, 40.1905, -12.4507

Details

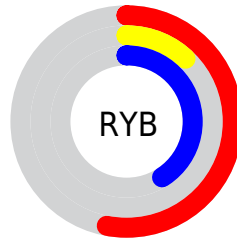
The XYZ color **13.0315, 7.1508, 14.0580** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.0718, 17.9565, 7.3509**, and the grayscale version is **5.8788, 6.1849, 6.7354**.

A 20% lighter version of the original color is **30.8948, 20.2931, 33.7411**, and **4.1571, 2.0548, 4.1805** is the 20% darker color. If you saturate the color by 10%, you get **12.5543, 6.5094, 12.9338**, and if you desaturate by 10%, it is **13.6661, 8.0921, 15.2800**.

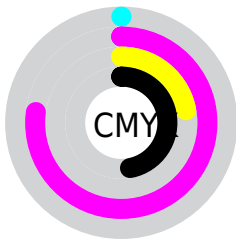
Distribution



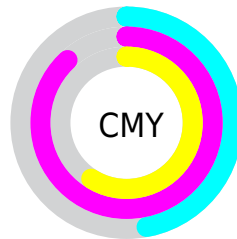
- Red (53%)
- Green (12%)
- Blue (41%)



- Red (53%)
- Yellow (12%)
- Blue (41%)



- Cyan (0%)
- Magenta (77%)
- Yellow (22%)
- Black (47%)





- Cyan (47%)
- Magenta (88%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0315, 7.1508, 14.0580 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 13.0315, 7.1508, 14.0580 by changing the saturation by 10% instead.


 13.0315, 7.1508,
14.0580


 13.0315, 7.1508,
14.0580


204.7530,
168.9109, 229.0323


 7.5274, 3.5566,
8.0218


 30.9612, 20.2759,
33.9105


 3.8433, 1.4288,
4.0209


 44.1175, 30.5757,
48.5639


 1.6139, 0.2378,
1.6368

 60.5552, 43.8793,
66.9268

 0.4014, 0.0000,
0.3169

 80.6398, 60.5714,
89.4177

 0.0000, 0.0000,
0.0000

 104.7364, 81.0361,
116.4552

 133.2106,

105.6581, 148.4577

166.4277,
134.8215, 185.8439

■ 13.0315, 7.1508,
14.0580

■ 13.0315, 7.1508,
14.0580

■ 12.5543, 6.5094,
12.9338

■ 13.6661, 8.0921,
15.2800

■ 12.2028, 6.1049,
11.8962

■ 14.4739, 9.3652,
16.6055

■ 12.1057, 5.9965,
11.5992

■ 15.4697, 10.9990,
18.0400

■ 16.6662, 13.0191,
19.5884

■ 18.0751, 15.4486,
21.2551

■ 19.7072, 18.3089,
23.0443

■ 21.5725, 21.6199,
24.9599

■ 23.6804, 25.4001,
27.0054

■ 26.0398, 29.6672,
29.1845

Harmonies

Analogous

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



10.7831, 7.1508, 25.8297



13.0315, 7.1508, 14.0580



13.3831, 7.1508, 5.4083

Triad

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



13.0315, 7.1508, 14.0580



5.9058, 7.1508, 0.1985



3.5248, 7.1508, 22.0961

Complementary

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



13.0315, 7.1508, 14.0580



10.0718, 17.9565, 7.3509

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.



2.8286, 7.1508, 10.7749



13.0315, 7.1508, 14.0580



3.9382, 7.1508, 1.0242

Square

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



13.0315, 7.1508, 14.0580



8.7312, 7.1508, 0.3592



2.9563, 7.1508, 3.7278



5.1713, 7.1508, 32.2397

Rectangle

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



13.0315, 7.1508, 14.0580



12.4166, 7.1508, 2.4037



2.9563, 7.1508, 3.7278



3.1949, 7.1508, 18.0767

Sweetspot

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



13.0317, 7.1512, 14.0581



33.3503, 29.3772, 39.1652



6.7554, 3.7050, 23.2810



7.5165, 6.4422, 8.8381



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



13.0317, 7.1512, 14.0581



22.0305, 11.1321, 21.8446



11.1370, 6.3933, 4.0805



4.8021, 4.7405, 5.5704



11.1688, 5.5318, 10.7269



0.0419, 0.0204, 0.0538

Inverse Universe

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



13.0317, 7.1512, 14.0581



22.0305, 11.1321, 21.8446



12.1801, 18.7998, 18.4531



4.8021, 4.7405, 5.5704



11.1688, 5.5318, 10.7269



0.0419, 0.0204, 0.0538

Previews

White Background



This preview shows how the XYZ color 13.0315, 7.1508, 14.0580 looks on a white background.

Color Contrast Check

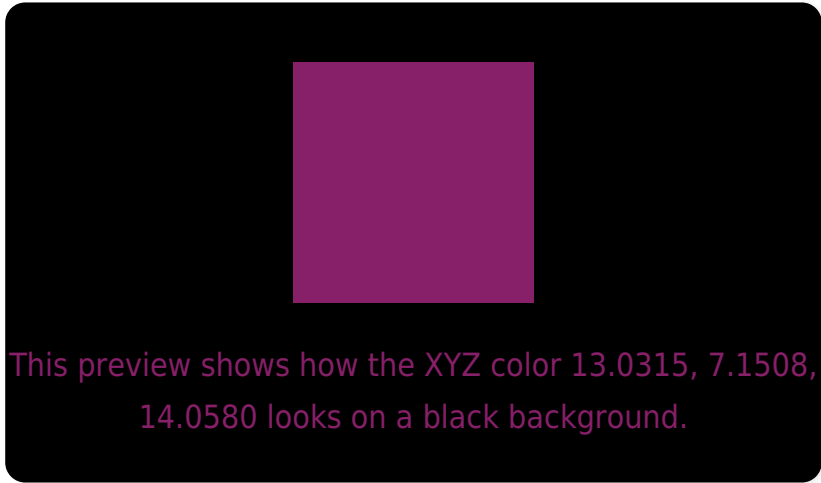
Large Text (above 18pt) WCAG AA ✓ Pass

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

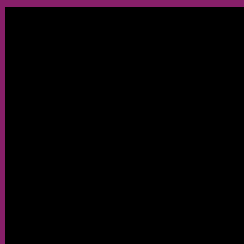
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.0315, 7.1508, 14.0580

Background



This preview shows how black text looks on a background with the XYZ color 13.0315, 7.1508, 14.0580.



This preview shows how white text looks on a background with the XYZ color 13.0315, 7.1508,

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

13.0315, 7.1508, 14.0580

Protanopia

8.3764, 7.5064, 25.8183

Deuteranopia

7.5842, 7.4862, 12.8496



Tritanopia

11.0782, 7.2699, 4.0681

Trichromacy



Original Color

13.0315, 7.1508, 14.0580

Protanomaly

8.5366, 6.2799, 20.8409

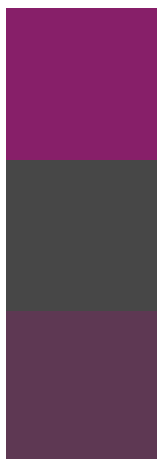
Deuteranomaly

8.7887, 6.6581, 13.1338

Tritanomaly

11.4810, 7.0164, 6.7104

Monochromacy



Original Color

13.0315, 7.1508, 14.0580

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

7.5916, 5.8326, 8.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0315, 7.1508, 14.0580 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(135, 31, 105)` looks like.

```
.text, #text, p{  
    color:rgb(135, 31, 105)  
}
```

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(135, 31, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 31, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.0315, 7.1508, 14.0580 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(135, 31, 105) }
```


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

```
.border{ border-color:rgb(135, 31, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 31, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 31, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 31, 105); box-shadow:4px 4px 4px 4px rgb(135, 31, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0315, 7.1508, 14.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 31, 105) }
```

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

```
.background{ background-color: rgb(135, 31,  
105) }
```

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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