

Converting Colors

XYZ(14.5989, 7.3571, 8.3137)

Have a look what the booklet for
XYZ(14.5989, 7.3571, 8.3137)
contains.

XYZ(14.5848, 7.3515, 8.2397)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5848, 7.3515,
8.2397)**

Conversions

Conversions Part 1

Format	Color
Hex	990050
RGB	153, 0, 80
RGB Percent	60%, 0%, 31%
CMY	0.4000, 0.9999, 0.6863
CMYK	0.00, 1.00, 0.48, 0.40
HSL	329°, 100%, 30%
HSV	329°, 100%, 60%
XYZ	14.5848, 7.3515, 8.2397
YIQ	54.8670, 65.5080, 57.3160

Conversions

Conversions Part 2

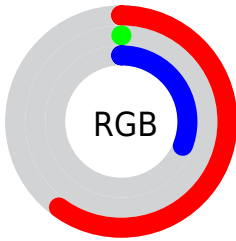
Format	Color
R_{YB}	153, 0, 80
Decimal	10027088
CIE Lab	32.59, 58.23, -0.81
CIE LCh	33, 58.233, 359.200
Yxy	7.3515, 0.4833, 0.2436
Android (android.graphics.Color)	4288217168 (0xFF990050)
YUV	54.8670, 12.3906, 86.0626
Hunter-Lab	27.1136, 48.5687, 0.9616

Details

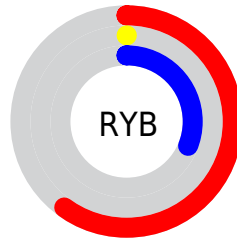
The XYZ color **14.5848, 7.3515, 8.2397** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.5948, 23.2638, 10.1336**, and the grayscale version is **3.5952, 3.7824, 4.1191**.

A 20% lighter version of the original color is **33.6299, 20.6142, 22.9753**, and **5.1423, 2.6142, 1.9026** is the 20% darker color. If you saturate the color by 10%, you get **14.5844, 7.3513, 8.2377**, and if you desaturate by 10%, it is **15.0448, 7.8161, 9.7972**.

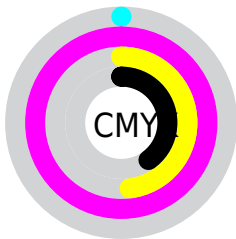
Distribution



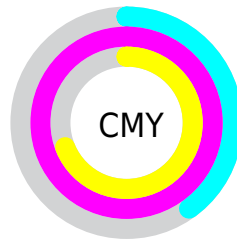
- Red (60%)
- Green (0%)
- Blue (31%)



- Red (60%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5848, 7.3515, 8.2397 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 14.5848, 7.3515, 8.2397 by changing the saturation by 10% instead.


 14.5848, 7.3515,
8.2397

 14.5848, 7.3515,
8.2397


214.2778,
170.5533, 187.6044


 8.6129, 3.6829,
4.1587


 33.7008, 20.6769,
22.9809


 4.5447, 1.4978,
1.7128

 47.5756, 31.1025,
34.4782


 2.0146, 0.2872,
0.3695

 64.8155, 44.5492,
49.2848

 0.6422, 0.0000,
0.0000

 85.7858, 61.4014,
67.8191

 0.0000, 0.0000,
0.0000

 110.8518, 82.0435,
90.4996

 140.3789,

106.8600, 117.7450

174.7324,
136.2351, 149.9738

14.5848, 7.3515,
8.2397

14.5848, 7.3515,
8.2397

14.5844, 7.3513,
8.2377

15.0448, 7.8161,
9.7972

15.6645, 8.5516,
11.5569

16.5042, 9.6776,
13.5433

17.5887, 11.2420,
15.7686

18.9392, 13.2861,
18.2438

■ 20.5744, 15.8461,
20.9788

■ 22.5112, 18.9547,
23.9830

■ 24.7653, 22.6420,
27.2651

■ 27.3511, 26.9358,
30.8332

Harmonies

Analogous

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



13.2840, 7.3515, 19.9531



14.5848, 7.3515, 8.2397



13.4092, 7.3515, 2.3108

Triad

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



14.5848, 7.3515, 8.2397



4.5123, 7.3515, 0.3750



4.4079, 7.3515, 32.6040

Complementary

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



14.5848, 7.3515, 8.2397



12.5948, 23.2638, 10.1336

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.



3.0348, 7.3515, 19.2206



14.5848, 7.3515, 8.2397



3.0817, 7.3515, 2.1390

Square

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



14.5848, 7.3515, 8.2397



7.0690, 7.3515, 0.0000



2.6299, 7.3515, 7.7739



6.9064, 7.3515, 38.9792

Rectangle

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



14.5848, 7.3515, 8.2397



11.5291, 7.3515, 0.8469



2.6299, 7.3515, 7.7739



3.8292, 7.3515, 28.4532

Sweetspot

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



14.5850, 7.3519, 8.2398



40.0887, 33.5788, 42.6103



8.3788, 3.6556, 30.4008



8.5454, 6.9201, 8.9411



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.



14.5850, 7.3519, 8.2398



26.0247, 13.1276, 14.2554



13.1651, 6.7840, 0.7626



6.3369, 6.2739, 7.1542



12.0708, 6.0825, 6.8976



0.1988, 0.0983, 0.1999

Inverse Universe

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



14.5850, 7.3519, 8.2398



26.0247, 13.1276, 14.2554



16.7288, 24.9174, 31.9035



6.3369, 6.2739, 7.1542



12.0708, 6.0825, 6.8976



0.1988, 0.0983, 0.1999

Previews

White Background



This preview shows how the XYZ color 14.5848, 7.3515, 8.2397 looks on a white background.

Color Contrast Check

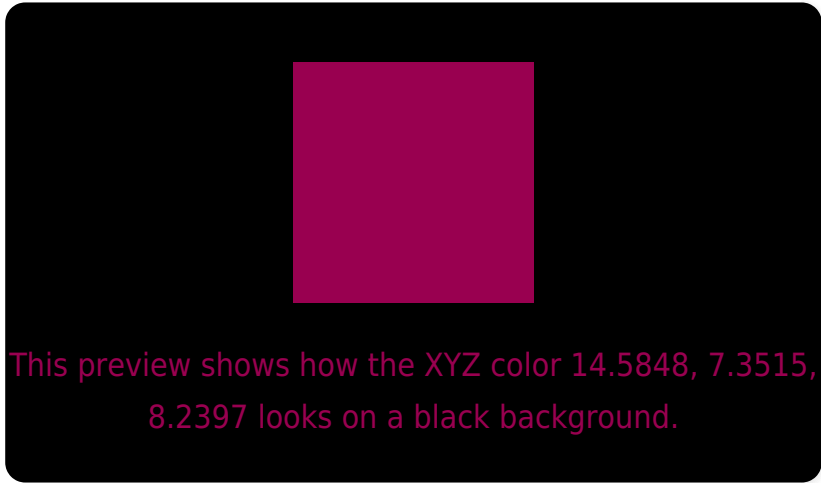
Large Text (above 18pt) WCAG AA ✓ Pass

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

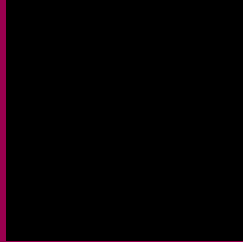
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5848, 7.3515, 8.2397

Background



This preview shows how black text looks on a background with the XYZ color 14.5848, 7.3515, 8.2397.



This preview shows how white text looks on a background with the XYZ color 14.5848, 7.3515,

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

14.5848, 7.3515, 8.2397

Protanopia

8.2744, 8.0587, 17.3390

Deuteranopia

8.1064, 7.9758, 7.5908



Tritanopia

13.5397, 7.7166, 2.1423

Trichromacy



Original Color

14.5848, 7.3515, 8.2397

Protanomaly

8.6845, 5.8932, 13.2501

Deuteranomaly

9.2129, 6.2291, 7.5542

Tritanomaly

13.7534, 7.3975, 3.6087

Monochromacy



Original Color

14.5848, 7.3515, 8.2397

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8408, 3.7964, 5.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5848, 7.3515, 8.2397 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, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 80)  
}
```

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, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 80) }
```

Border

The CSS property to change the border of an element to XYZ 14.5848, 7.3515, 8.2397 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, 0, 80) }
```


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

```
.border{ border-color:rgb(153, 0, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 80);  
box-shadow:4px 4px 4px 4px rgb(153, 0, 80)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5848, 7.3515, 8.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 80) }
```

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

```
.background{ background-color: rgb(153, 0,  
80) }
```

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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