

Converting Colors

XYZ(14.3310, 7.5113, 15.7334)

Have a look what the booklet for
XYZ(14.3310, 7.5113, 15.7334)
contains.

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Color

**XYZ(14.3310, 7.5113,
15.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	8E176F
RGB	142, 23, 111
RGB Percent	56%, 9%, 44%
CMY	0.4431, 0.9098, 0.5647
CMYK	0.00, 0.84, 0.22, 0.44
HSL	316°, 72%, 32%
HSV	316°, 84%, 56%
XYZ	14.3310, 7.5113, 15.7334
YIQ	68.6130, 42.6760, 52.5960

Conversions

Conversions Part 2

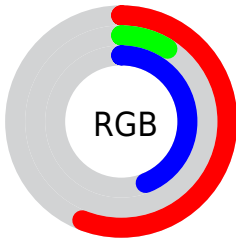
Format	Color
R_{YB}	142, 23, 111
Decimal	9312111
CIE _{Lab}	32.94, 55.16, -20.56
CIE _{LCh}	33, 58.868, 339.553
Yxy	7.5113, 0.3814, 0.1999
Android (android.graphics.Color)	4287502191 (0xFF8E176F)
YUV	68.6130, 20.8968, 64.3604
Hunter-Lab	27.4068, 45.3759, -14.8519

Details

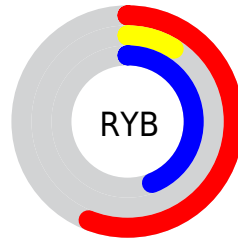
The XYZ color **14.3310, 7.5113, 15.7334** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.6927, 19.7949, 6.7484**, and the grayscale version is **5.5566, 5.8460, 6.3663**.

A 20% lighter version of the original color is **33.2573, 20.9730, 36.9457**, and **4.8277, 2.3851, 4.9086** is the 20% darker color. If you saturate the color by 10%, you get **13.9207, 7.0099, 14.6124**, and if you desaturate by 10%, it is **14.9008, 8.3179, 16.9494**.

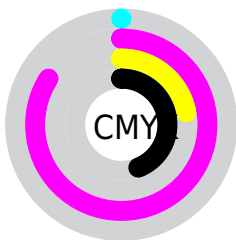
Distribution



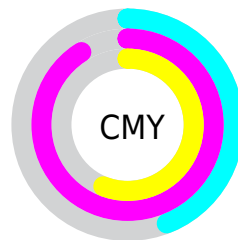
- Red (56%)
- Green (9%)
- Blue (44%)



- Red (56%)
- Yellow (9%)
- Blue (44%)



- Cyan (0%)
- Magenta (84%)
- Yellow (22%)
- Black (44%)




- Cyan (44%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3310, 7.5113, 15.7334 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 14.3310, 7.5113, 15.7334 by changing the saturation by 10% instead.


 14.3310, 7.5113,
15.7334


 14.3310, 7.5113,
15.7334

212.7500,
171.8471, 239.5551


 8.4345, 3.7839,
9.1834


 33.2566, 20.9947,
36.8951


 4.4283, 1.5534,
4.7626

 47.0163, 31.5194,
52.3438


 1.9472, 0.3259,
2.0523

 64.1279, 45.0786,
71.5959

 0.6040, 0.0000,
0.5872

 84.9566, 62.0569,
95.0699

 0.0000, 0.0000,
0.0000

 109.8678, 82.8384,
123.1842

 139.2269,

107.8077, 156.3575

173.3992,
137.3491, 195.0083

■ 14.3310, 7.5113,
15.7334

■ 14.3310, 7.5113,
15.7334

■ 13.9207, 7.0099,
14.6124

■ 14.9008, 8.3179,
16.9494

■ 13.7055, 6.7709,
13.9507

■ 15.6510, 9.4719,
18.2675

■ 16.5999, 11.0094,
19.6945

■ 17.7630, 12.9614,
21.2360

■ 19.1546, 15.3562,
22.8972

■ 20.7874, 18.2191,
24.6828

■ 22.6733, 21.5739,
26.5972

■ 24.8234, 25.4425,
28.6446

■ 27.2481, 29.8455,
30.8288

Harmonies

Analogous

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



11.6614, 7.5113, 29.7469



14.3310, 7.5113, 15.7334



14.8034, 7.5113, 5.6541

Triad

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



14.3310, 7.5113, 15.7334



6.1926, 7.5113, 0.0000



3.4515, 7.5113, 24.6369

Complementary

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



14.3310, 7.5113, 15.7334



10.6927, 19.7949, 6.7484

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.



2.7187, 7.5113, 11.3608



14.3310, 7.5113, 15.7334



3.9697, 7.5113, 0.7977

Square

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



14.3310, 7.5113, 15.7334



9.4372, 7.5113, 0.1147



2.8759, 7.5113, 3.5380



5.2484, 7.5113, 36.9837

Rectangle

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



14.3310, 7.5113, 15.7334



13.7023, 7.5113, 2.3079



2.8759, 7.5113, 3.5380



3.1002, 7.5113, 19.8588

Sweetspot

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



14.3313, 7.5117, 15.7335



36.1290, 31.1968, 42.9670



6.6446, 3.3165, 25.8813



7.8666, 6.6111, 9.3779



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.3313, 7.5117, 15.7335



24.0989, 11.9120, 24.2351



12.0990, 6.6188, 3.9788



5.5671, 5.4874, 6.4842



12.3132, 6.0823, 12.5664



0.1268, 0.0618, 0.1677

Inverse Universe

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



14.3313, 7.5117, 15.7335



24.0989, 11.9120, 24.2351



12.9654, 20.7039, 18.7160



5.5671, 5.4874, 6.4842



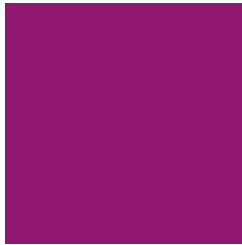
12.3132, 6.0823, 12.5664



0.1268, 0.0618, 0.1677

Previews

White Background



This preview shows how the XYZ color 14.3310, 7.5113, 15.7334 looks on a white background.

Color Contrast Check

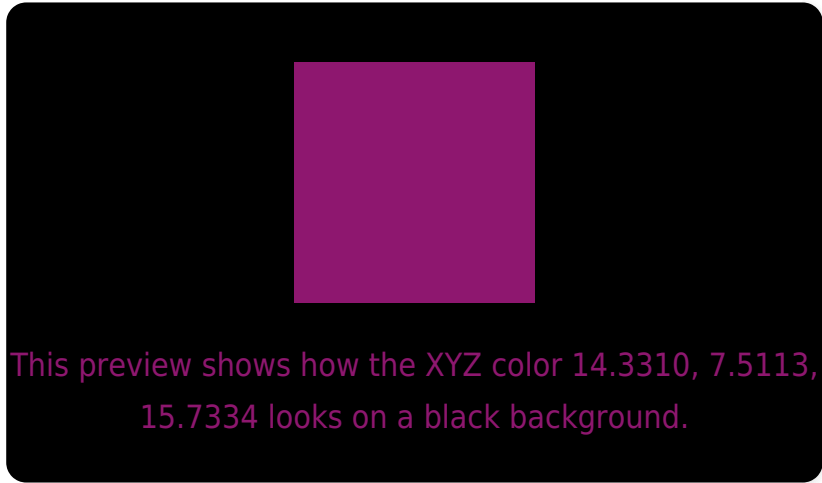
Large Text (above 18pt) WCAG AA ✓ Pass

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

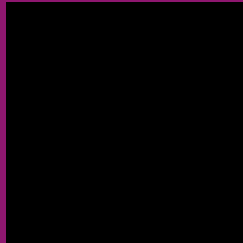
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3310, 7.5113, 15.7334

Background



This preview shows how black text looks on a background with the XYZ color 14.3310, 7.5113, 15.7334.



This preview shows how white text looks on a background with the XYZ color 14.3310, 7.5113,

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

14.3310, 7.5113, 15.7334

Protanopia

9.0489, 7.9498, 30.7633

Deuteranopia

7.9707, 7.8647, 14.1946



Tritanopia

11.9492, 7.6626, 3.8668

Trichromacy



Original Color

14.3310, 7.5113, 15.7334

Protanomaly

8.8801, 6.2283, 24.4010

Deuteranomaly

9.2039, 6.6843, 14.7150

Tritanomaly

12.5427, 7.4079, 6.8997

Monochromacy



Original Color

14.3310, 7.5113, 15.7334

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

7.6521, 5.5829, 9.0618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3310, 7.5113, 15.7334 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(142, 23, 111)` looks like.

```
.text, #text, p{  
    color:rgb(142, 23, 111)  
}
```

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(142, 23, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 23, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.3310, 7.5113, 15.7334 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(142, 23, 111) }
```


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

```
.border{ border-color:rgb(142, 23, 111) }
```

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

Here you see how a box with a 4 pixel rgb(142, 23, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 23, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 23, 111);  
box-shadow:4px 4px 4px 4px rgb(142, 23,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3310, 7.5113, 15.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 23, 111) }
```

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

```
.background{ background-color: rgb(142, 23,  
111) }
```

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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