

Converting Colors

XYZ(14.7356, 7.5840, 1.2538)

Have a look what the booklet for
XYZ(14.7356, 7.5840, 1.2538)
contains.

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Color

**XYZ(14.8071, 7.6207,
1.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	A10012
RGB	161, 0, 18
RGB Percent	63%, 0%, 7%
CMY	0.3686, 0.9999, 0.9294
CMYK	0.00, 1.00, 0.89, 0.37
HSL	353°, 100%, 32%
HSV	353°, 100%, 63%
XYZ	14.8071, 7.6207, 1.2628
YIQ	50.1910, 90.1780, 39.7300

Conversions

Conversions Part 2

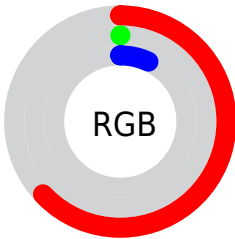
Format	Color
RYB	161, 0, 18
Decimal	10551314
CIELab	33.18, 57.05, 39.52
CIElCh	33, 69.406, 34.711
Yxy	7.6207, 0.6250, 0.3217
Android (android.graphics.Color)	4288741394 (0xFFA10012)
YUV	50.1910, -15.8702, 97.1795
Hunter-Lab	27.6056, 47.4340, 16.6118

Details

The XYZ color **14.8071, 7.6207, 1.2628** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.7047, 27.4735, 30.3653**, and the grayscale version is **3.0652, 3.2248, 3.5119**.

A 20% lighter version of the original color is **34.1260, 21.2272, 6.8561**, and **5.2555, 2.7093, 0.2460** is the 20% darker color. If you saturate the color by 10%, you get **14.8068, 7.6206, 1.2619**, and if you desaturate by 10%, it is **15.1498, 8.0572, 2.1449**.

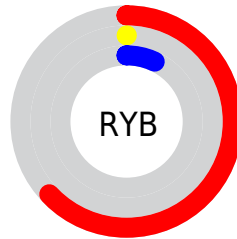
Distribution



Red (63%)

Green (0%)

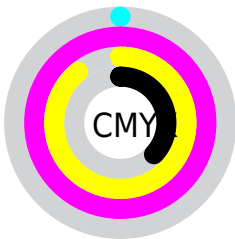
Blue (7%)



Red (63%)

Yellow (0%)

Blue (7%)

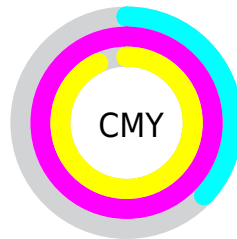


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (37%)



Cyan (37%)


Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8071, 7.6207, 1.2628 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 14.8071, 7.6207, 1.2628 by changing the saturation by 10% instead.


 14.8071, 7.6207,
1.2628


 14.8071, 7.6207,
1.2628


 215.6073,
172.7260, 109.6091


 8.7695, 3.8532,
0.0310


 34.0889, 21.2114,
6.9044


 4.6471, 1.5918,
0.0000

 48.0638, 31.8035,
12.4200


 2.0743, 0.3521,
0.0000

 65.4152, 45.4392,
20.2902

 0.6752, 0.0000,
0.0000

 86.5085, 62.5029,
30.9336


 0.0000, 0.0000,
0.0000

 111.7090, 83.3790,
44.7686

 141.3820,

108.4520, 62.2138

 175.8930,
138.1062, 83.6878


 14.8071, 7.6207,
1.2628


 14.8071, 7.6207,
1.2628


 14.8068, 7.6206,
1.2619

 15.1498, 8.0572,
2.1449

 15.7255, 8.8242,
3.5221

 16.6078, 10.0534,
5.4669

 17.8323, 11.8026,
8.0324

 19.4296, 14.1211,
11.2656

■ 21.4270, 17.0526,
15.2090

■ 23.8489, 20.6363,
19.9014

■ 26.7182, 24.9083,
25.3791

■ 30.0558, 29.9020,
31.6756

Harmonies

Analogous

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



16.8992, 7.6207, 6.7343



14.8071, 7.6207, 1.2628



10.7275, 7.6207, 0.0000

Triad

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



14.8071, 7.6207, 1.2628



2.5269, 7.6207, 2.2822



7.8434, 7.6207, 49.6751

Complementary

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



14.8071, 7.6207, 1.2628



17.7047, 27.4735, 30.3653

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.



4.6092, 7.6207, 43.7189



14.8071, 7.6207, 1.2628



2.2147, 7.6207, 10.0859

Square

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



14.8071, 7.6207, 1.2628



3.9003, 7.6207, 0.0106



2.8276, 7.6207, 26.1484



12.0968, 7.6207, 38.8456

Rectangle

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



14.8071, 7.6207, 1.2628



7.9191, 7.6207, 0.0000



2.8276, 7.6207, 26.1484



6.6070, 7.6207, 49.6160

Sweetspot

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



14.8073, 7.6212, 1.2629



42.4396, 36.5543, 35.1187



17.6261, 8.3439, 34.3995



8.9159, 7.4363, 6.9461



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.8073, 7.6212, 1.2629



26.4810, 13.6332, 2.0650



16.4060, 10.9931, 1.2579



7.1044, 7.0982, 7.5364



11.8341, 6.0897, 1.0511



0.2576, 0.1315, 0.0691

Inverse Universe

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



14.8073, 7.6212, 1.2629



26.4810, 13.6332, 2.0650



10.9228, 11.5525, 35.3721



7.1044, 7.0982, 7.5364



11.8341, 6.0897, 1.0511



0.2576, 0.1315, 0.0691

Previews

White Background



This preview shows how the XYZ color 14.8071, 7.6207, 1.2628 looks on a white background.

Color Contrast Check

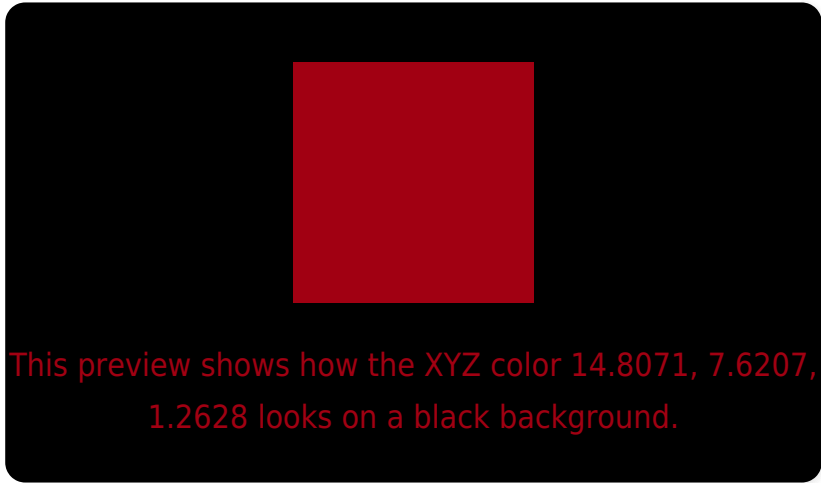
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8071, 7.6207, 1.2628

Background



This preview shows how black text looks on a background with the XYZ color 14.8071, 7.6207, 1.2628.



This preview shows how white text looks on a background with the XYZ color 14.8071, 7.6207, 1.2628.

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

14.8071, 7.6207, 1.2628

Protanopia

7.5175, 8.2133, 2.5556

Deuteranopia

8.2474, 8.1913, 1.1464



Tritanopia

14.6680, 7.8152, 0.7354

Trichromacy



Original Color

14.8071, 7.6207, 1.2628

Protanomaly

8.6283, 6.2481, 1.7882

Deuteranomaly

9.4488, 6.4971, 0.9571

Tritanomaly

14.6441, 7.7060, 0.9166

Monochromacy



Original Color

14.8071, 7.6207, 1.2628

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

5.0828, 3.3466, 2.2118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8071, 7.6207, 1.2628 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(161, 0, 18)` looks like.

```
.text, #text, p{  
  color:rgb(161, 0, 18)  
}
```

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(161, 0, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 18) }
```

Border

The CSS property to change the border of an element to XYZ 14.8071, 7.6207, 1.2628 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(161, 0, 18) }
```


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

```
.border{ border-color:rgb(161, 0, 18) }
```

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

Here you see how a box with a 4 pixel rgb(161, 0, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 18);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 18)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8071, 7.6207, 1.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 18) }
```

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

```
.background{ background-color: rgb(161, 0,  
18) }
```

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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