

Converting Colors

XYZ(14.7186, 7.5772, 1.1644)

Have a look what the booklet for
XYZ(14.7186, 7.5772, 1.1644)
contains.

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Color

**XYZ(14.7915, 7.6145,
1.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	A10010
RGB	161, 0, 16
RGB Percent	63%, 0%, 6%
CMY	0.3686, 0.9999, 0.9372
CMYK	0.00, 1.00, 0.90, 0.37
HSL	354°, 100%, 32%
HSV	354°, 100%, 63%
XYZ	14.7915, 7.6145, 1.1804
YIQ	49.9630, 90.8200, 39.1080

Conversions

Conversions Part 2

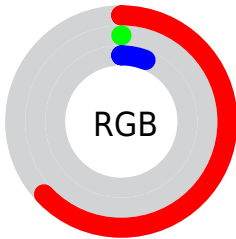
Format	Color
RYB	161, 0, 16
Decimal	10551312
CIELab	33.17, 57.02, 40.51
CIElCh	33, 69.941, 35.390
Yxy	7.6145, 0.6271, 0.3228
Android (android.graphics.Color)	4288741392 (0xFFA10010)
YUV	49.9630, -16.7438, 97.3794
Hunter-Lab	27.5944, 47.3917, 16.7798

Details

The XYZ color **14.7915, 7.6145, 1.1804** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.8578, 27.5348, 31.1712**, and the grayscale version is **3.0403, 3.1986, 3.4833**.

A 20% lighter version of the original color is **34.0989, 21.2164, 6.7128**, and **5.1456, 2.6526, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **14.7912, 7.6144, 1.1795**, and if you desaturate by 10%, it is **15.1258, 8.0477, 2.0184**.

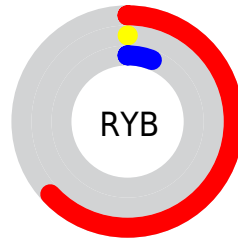
Distribution



Red (63%)

Green (0%)

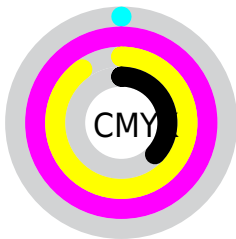
Blue (6%)



Red (63%)

Yellow (0%)

Blue (6%)

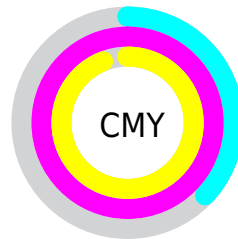


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (37%)



Cyan (37%)


Magenta (100%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7915, 7.6145, 1.1804 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 14.7915, 7.6145, 1.1804 by changing the saturation by 10% instead.


 14.7915, 7.6145,
1.1804


 14.7915, 7.6145,
1.1804


 215.5142,
172.6763, 107.9655


 8.7585, 3.8493,
0.0000


 34.0617, 21.1992,
6.6462


 4.6399, 1.5896,
0.0000


 48.0296, 31.7874,
12.0372


 2.0701, 0.3506,
0.0000

 65.3732, 45.4188,
19.7584

 0.6729, 0.0000,
0.0000


 86.4579, 62.4777,
30.2283


 0.0000, 0.0000,
0.0000


 111.6490, 83.3485,
43.8654


 141.3118,


108.4156, 61.0883


 175.8118,
138.0634, 82.3155


 14.7915, 7.6145,
1.1804


 14.7915, 7.6145,
1.1804


 14.7912, 7.6144,
1.1795

 15.1258, 8.0477,
2.0184

 15.6942, 8.8117,
3.3569

 16.5708, 10.0387,
5.2714

 17.7917, 11.7865,
7.8176

 19.3879, 14.1047,
11.0447

■ 21.3869, 17.0369,
14.9969

■ 23.8137, 20.6226,
19.7147

■ 26.6912, 24.8980,
25.2354

■ 30.0407, 29.8966,
31.5942

Harmonies

Analogous

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



16.9719, 7.6145, 6.5086



14.7915, 7.6145, 1.1804



10.6502, 7.6145, 0.0000

Triad

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



14.7915, 7.6145, 1.1804



2.4819, 7.6145, 2.3450



7.9316, 7.6145, 50.0992

Complementary

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



14.7915, 7.6145, 1.1804



17.8578, 27.5348, 31.1712

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.



4.6447, 7.6145, 44.4434



14.7915, 7.6145, 1.1804



2.1907, 7.6145, 10.3720

Square

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



14.7915, 7.6145, 1.1804



3.8301, 7.6145, 0.0116



2.8265, 7.6145, 26.7595



12.2310, 7.6145, 38.7963

Rectangle

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



14.7915, 7.6145, 1.1804



7.8286, 7.6145, 0.0000



2.8265, 7.6145, 26.7595



6.6766, 7.6145, 50.1801

Sweetspot

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



14.7917, 7.6150, 1.1805



42.3752, 36.5285, 34.7794



18.0931, 8.5846, 34.4214



8.9009, 7.4303, 6.8671



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.



14.7917, 7.6150, 1.1805



26.4559, 13.6231, 1.9326



16.5549, 11.2909, 1.3076



7.1010, 7.0969, 7.5183



11.8210, 6.0845, 0.9821



0.2564, 0.1310, 0.0627

Inverse Universe

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



14.7917, 7.6150, 1.1805



26.4559, 13.6231, 1.9326



10.6720, 11.0508, 35.2885



7.1010, 7.0969, 7.5183



11.8210, 6.0845, 0.9821



0.2564, 0.1310, 0.0627

Previews

White Background



This preview shows how the XYZ color 14.7915, 7.6145, 1.1804 looks on a white background.

Color Contrast Check

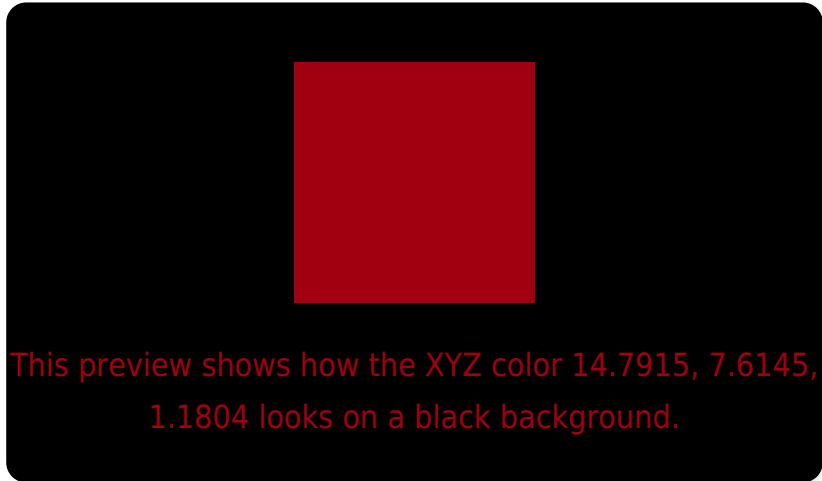
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7915, 7.6145, 1.1804

Background



This preview shows how black text looks on a background with the XYZ color 14.7915, 7.6145, 1.1804.



This preview shows how white text looks on a background with the XYZ color 14.7915, 7.6145,

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

14.7915, 7.6145, 1.1804

Protanopia

7.4912, 8.2027, 2.4168

Deuteranopia

8.2474, 8.1913, 1.1464



Tritanopia

14.6680, 7.8152, 0.7354

Trichromacy



Original Color

14.7915, 7.6145, 1.1804

Protanomaly

8.6059, 6.2392, 1.6704

Deuteranomaly

9.4434, 6.4949, 0.9282

Tritanomaly

14.6386, 7.7038, 0.8877

Monochromacy



Original Color

14.7915, 7.6145, 1.1804

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 14.7915, 7.6145, 1.1804 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, 16)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 16)  
}
```

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, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 16) }
```

Border

The CSS property to change the border of an element to XYZ 14.7915, 7.6145, 1.1804 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, 16) }
```


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

```
.border{ border-color:rgb(161, 0, 16) }
```

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, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 16);  
box-shadow:4px 4px 4px 4px rgb(161, 0, 16)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7915, 7.6145, 1.1804 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, 16) }
```

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

```
.background{ background-color: rgb(161, 0,  
16) }
```

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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