

Converting Colors

XYZ(8.6915, 4.9764, 1.4222)

Have a look what the booklet for
XYZ(8.6915, 4.9764, 1.4222)
contains.

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Color

XYZ(8.6915, 4.9764, 1.4222)

Conversions

Conversions Part 1

Format	Color
Hex	7B1919
RGB	123, 25, 25
RGB Percent	48%, 10%, 10%
CMY	0.5176, 0.9019, 0.9020
CMYK	0.00, 0.80, 0.80, 0.52
HSL	0°, 66%, 29%
HSV	0°, 80%, 48%
XYZ	8.6915, 4.9764, 1.4222
YIQ	54.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

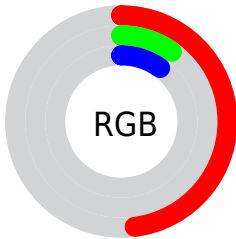
Format	Color
R_{YB}	123, 25, 25
Decimal	8067353
CIE Lab	26.67, 41.35, 26.46
CIE LCh	27, 49.094, 32.618
Yxy	4.9764, 0.5760, 0.3298
Android (android.graphics.Color)	4286257433 (0xFF7B1919)
YUV	54.3020, -14.4459, 60.2481
Hunter-Lab	22.3078, 30.5078, 11.8356

Details

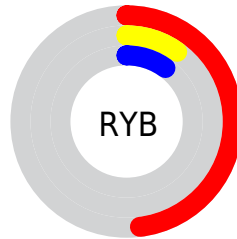
The XYZ color **8.6915, 4.9764, 1.4222** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **11.0582, 15.8011, 21.2059**, and the grayscale version is **3.5566, 3.7418, 4.0748**.

A 20% lighter version of the original color is **23.0900, 15.8235, 7.4675**, and **2.2468, 1.1583, 0.1051** is the 20% darker color. If you saturate the color by 10%, you get **8.3793, 4.5197, 0.8015**, and if you desaturate by 10%, it is **9.1782, 5.6887, 2.3895**.

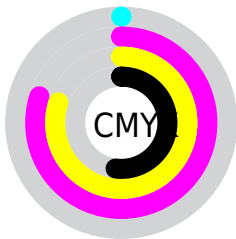
Distribution



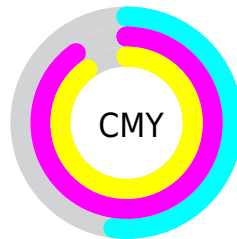
- Red (48%)
- Green (10%)
- Blue (10%)



- Red (48%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (52%)



- Cyan (52%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6915, 4.9764, 1.4222 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 8.6915, 4.9764, 1.4222 by changing the saturation by 10% instead.

8.6915, 4.9764,
1.4222

8.6915, 4.9764,
1.4222

175.3158,
149.5956, 112.6384

4.5960, 2.2334,
0.1589

22.9760, 15.7671,
7.3906

2.0445, 0.7381,
0.0000

33.8957, 24.5836,
13.1363

0.6588, 0.0000,
0.0000

47.8209, 36.1934,
21.2810

0.0000, 0.0000,
0.0000

65.1168, 50.9809,
32.2432

86.1489, 69.3305,
46.4415

111.2825, 91.6265,

64.2944

140.8830,
118.2534, 86.2206

8.6915, 4.9764,
1.4222

8.6915, 4.9764,
1.4222

8.3793, 4.5197,
0.8015

9.1782, 5.6887,
2.3895

8.1750, 4.2207,
0.3953

9.8593, 6.6854,
3.7435

8.1684, 4.2111,
0.3823

10.7526, 7.9926,
5.5192

11.8736, 9.6329,
7.7477

13.2364, 11.6272,
10.4570

■ 14.8541, 13.9943,
13.6729

■ 16.7387, 16.7520,
17.4193

■ 18.9015, 19.9167,
21.7189

■ 21.3530, 23.5040,
26.5926

Harmonies

Analogous

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



9.6126, 4.9764, 4.9379



8.6915, 4.9764, 1.4222



6.6947, 4.9764, 0.1667

Triad

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



8.6915, 4.9764, 1.4222



2.1007, 4.9764, 1.8039



4.9051, 4.9764, 25.0854

Complementary

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



8.6915, 4.9764, 1.4222



11.0582, 15.8011, 21.2059

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.



3.1929, 4.9764, 21.8871



8.6915, 4.9764, 1.4222



1.8653, 4.9764, 5.9292

Square

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



8.6915, 4.9764, 1.4222



2.9678, 4.9764, 0.3235



2.2030, 4.9764, 13.6218



7.0796, 4.9764, 20.6542

Rectangle

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



8.6915, 4.9764, 1.4222



5.2335, 4.9764, 0.0000



2.2030, 4.9764, 13.6218



4.2597, 4.9764, 24.8677

Sweetspot

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



8.6916, 4.9767, 1.4223



25.1176, 22.8910, 21.5375



12.0911, 6.3363, 19.3246



5.7170, 5.1006, 4.6777



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



8.6916, 4.9767, 1.4223



14.7326, 7.6945, 0.8932



10.7926, 9.1788, 2.1226



3.9983, 4.0151, 4.1887



8.4502, 4.3564, 0.3955



40.3082, 20.7799, 1.8864

Inverse Universe

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



11.0582, 15.8011, 21.2059



19.1648, 27.9666, 37.9446



6.4249, 6.5344, 19.6614



4.1071, 4.5124, 5.0977



11.0248, 16.1320, 21.9180



52.5891, 76.9508, 104.5510

Previews

White Background



This preview shows how the XYZ color 8.6915, 4.9764, 1.4222 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



This preview shows how the XYZ color 8.6915, 4.9764, 1.4222 looks on a 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 8.6915, 4.9764, 1.4222

Background



This preview shows how black text looks on a background with the XYZ color 8.6915, 4.9764, 1.4222.

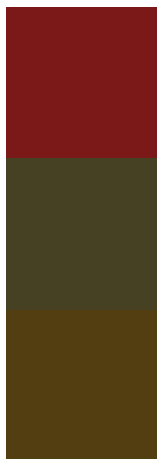


This preview shows how white text looks on a background with the XYZ color 8.6915, 4.9764, 1.4222.

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

8.6915, 4.9764, 1.4222

Protanopia

4.8073, 5.2476, 2.4286

Deuteranopia

5.3035, 5.2796, 1.2698



Tritanopia

8.6915, 4.9764, 1.4222

Trichromacy



Original Color

8.6915, 4.9764, 1.4222

Protanomaly

5.6178, 4.5591, 1.9504

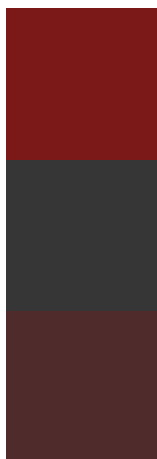
Deuteranomaly

6.1543, 4.7885, 1.2617

Tritanomaly

8.6915, 4.9764, 1.4222

Monochromacy



Original Color

8.6915, 4.9764, 1.4222

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

4.5244, 3.5644, 2.7350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6915, 4.9764, 1.4222 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(123, 25, 25)` looks like.

```
.text, #text, p{  
    color:rgb(123, 25, 25)  
}
```

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(123, 25, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 25, 25) }
```

Border

The CSS property to change the border of an element to XYZ 8.6915, 4.9764, 1.4222 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(123, 25, 25) }
```

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

```
.border{ border-color:rgb(123, 25, 25) }
```

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

Here you see how a box with a 4 pixel rgb(123, 25, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 25, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 25, 25);  
box-shadow:4px 4px 4px 4px rgb(123, 25,  
25) }
```


Background

The CSS property to change the background color of an element to XYZ 8.6915, 4.9764, 1.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 25, 25) }
```

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

```
.background{ background-color: rgb(123, 25,  
25) }
```

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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