

Converting Colors

XYZ(12.7239, 8.8608, 1.9594)

Have a look what the booklet for
XYZ(12.7239, 8.8608, 1.9594)
contains.

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Color

**XYZ(12.7239, 8.8608,
1.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	8D3B19
RGB	141, 59, 25
RGB Percent	55%, 23%, 10%
CMY	0.4471, 0.7686, 0.9020
CMYK	0.00, 0.58, 0.82, 0.45
HSL	18°, 70%, 33%
HSV	18°, 82%, 55%
XYZ	12.7239, 8.8608, 1.9594
YIQ	79.6420, 59.7860, 6.8100

Conversions

Conversions Part 2

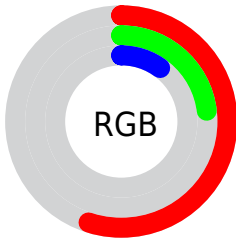
Format	Color
R_{YB}	141, 73, 25
Decimal	9255705
CIE Lab	35.71, 32.87, 36.75
CIE LCh	36, 49.307, 48.193
Yxy	8.8608, 0.5404, 0.3763
Android (android.graphics.Color)	4287445785 (0xFF8D3B19)
YUV	79.6420, -26.9385, 53.8110
Hunter-Lab	29.7671, 24.2071, 16.9342

Details

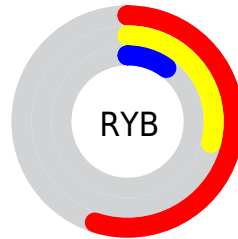
The XYZ color **12.7239, 8.8608, 1.9594** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.4659, 12.6443, 27.0880**, and the grayscale version is **7.5982, 7.9939, 8.7054**.

A 20% lighter version of the original color is **30.4254, 23.6716, 8.9267**, and **3.7430, 2.0585, 0.2000** is the 20% darker color. If you saturate the color by 10%, you get **12.1441, 7.8864, 1.1958**, and if you desaturate by 10%, it is **13.4787, 10.0626, 3.1601**.

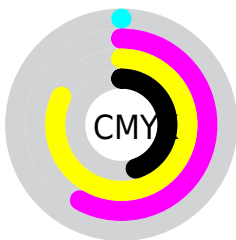
Distribution



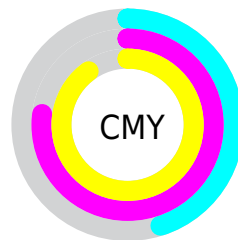
- Red (55%)
- Green (23%)
- Blue (10%)



- Red (55%)
- Yellow (29%)
- Blue (10%)



- Cyan (0%)
- Magenta (58%)
- Yellow (82%)
- Black (45%)



- Cyan (45%)
- Magenta (77%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.7239, 8.8608, 1.9594 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 12.7239, 8.8608, 1.9594 by changing the saturation by 10% instead.

■ 12.7239, 8.8608,
1.9594

■ 12.7239, 8.8608,
1.9594

202.8141,
182.3360, 121.7431

■ 7.3144, 4.6505,
0.5301

■ 30.4124, 23.6295,
8.9295

■ 3.7076, 2.0437,
0.0000

■ 43.4221, 34.9566,
15.3693

■ 1.5381, 0.6327,
0.0000

■ 59.6959, 49.4249,
24.3370

■ 0.3515, 0.0000,
0.0000


■ 79.5992, 67.4186,
36.2512


■ 0.0000, 0.0000,
0.0000


■ 103.4973, 89.3222,
51.5304


■ 131.7556,


115.5200, 70.5930


 164.7394,
146.3965, 93.8578


 12.7239, 8.8608,
1.9594


 12.7239, 8.8608,
1.9594


 12.1441, 7.8864,
1.1958


 13.4787, 10.0626,
3.1601

 11.7889, 7.2716,
0.7822

 14.4232, 11.5046,
4.8529

 15.5711, 13.2005,
7.0850

 16.9344, 15.1622,
9.8977

 18.5242, 17.4009,
13.3286

■ 20.3508, 19.9271,
17.4119

■ 22.4238, 22.7508,
22.1792

■ 24.7522, 25.8815,
27.6603

■ 27.3446, 29.3281,
33.8829

Harmonies

Analogous

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



14.9252, 8.8608, 5.4638



12.7239, 8.8608, 1.9594



9.6180, 8.8608, 0.9308

Triad

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



12.7239, 8.8608, 1.9594



4.0504, 8.8608, 6.7294



10.2901, 8.8608, 34.2408

Complementary

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



12.7239, 8.8608, 1.9594



10.4659, 12.6443, 27.0880

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.



7.3293, 8.8608, 35.3257



12.7239, 8.8608, 1.9594



4.1501, 8.8608, 15.5576

Square

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



12.7239, 8.8608, 1.9594



4.9052, 8.8608, 2.4281



5.2187, 8.8608, 27.1720



13.3123, 8.8608, 24.7345

Rectangle

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



12.7239, 8.8608, 1.9594



7.6503, 8.8608, 0.8930



5.2187, 8.8608, 27.1720



9.2437, 8.8608, 35.7438

Sweetspot

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



12.7241, 8.8613, 1.9595



35.3288, 34.1505, 28.6607



14.0459, 7.4435, 14.9210



7.6655, 7.3161, 5.8975



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.



12.7241, 8.8613, 1.9595



21.0533, 12.8887, 1.4308



17.3899, 18.1929, 3.5148



5.5297, 5.6657, 5.6915



10.7618, 6.6553, 0.7174



0.1201, 0.0980, 0.0126

Inverse Universe

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



10.4659, 12.6443, 27.0880



16.6578, 19.5057, 48.0149



6.3550, 4.4225, 25.7177



5.4286, 5.8529, 6.8724



8.5241, 10.0341, 24.4646



0.1006, 0.1342, 0.2403

Previews

White Background



This preview shows how the XYZ color 12.7239, 8.8608, 1.9594 looks on a white background.

Color Contrast Check

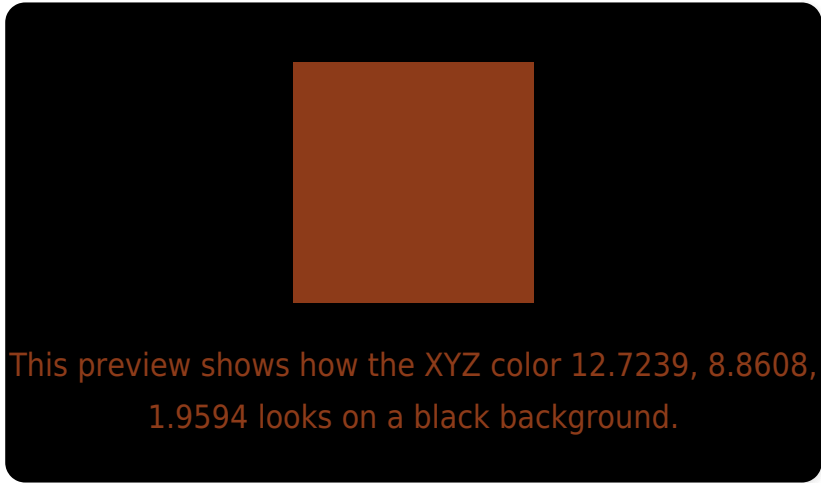
Large Text (above 18pt) WCAG AA ✓ Pass

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

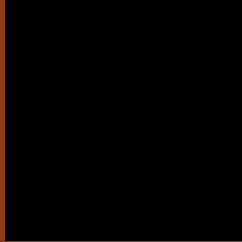
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.7239, 8.8608, 1.9594

Background



This preview shows how black text looks on a background with the XYZ color 12.7239, 8.8608, 1.9594.



This preview shows how white text looks on a background with the XYZ color 12.7239, 8.8608,

1.9594.

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

12.7239, 8.8608, 1.9594

Protanopia

8.2285, 9.0342, 2.6766

Deuteranopia

9.1070, 9.0511, 1.7974



Tritanopia

13.3109, 8.7989, 5.1345

Trichromacy



Original Color

12.7239, 8.8608, 1.9594

Protanomaly

9.4883, 8.7023, 2.3420

Deuteranomaly

10.1166, 8.7375, 1.8151

Tritanomaly

13.0826, 8.7844, 3.6953

Monochromacy



Original Color

12.7239, 8.8608, 1.9594

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.6125, 7.7858, 5.3238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.7239, 8.8608, 1.9594 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(141, 59, 25)` looks like.

```
.text, #text, p{  
    color:rgb(141, 59, 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(141, 59, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 59, 25) }
```

Border

The CSS property to change the border of an element to XYZ 12.7239, 8.8608, 1.9594 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(141, 59, 25) }
```


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

```
.border{ border-color:rgb(141, 59, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 59, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 59, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 59, 25);  
box-shadow:4px 4px 4px 4px rgb(141, 59,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 12.7239, 8.8608, 1.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 59, 25) }
```

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

```
.background{ background-color: rgb(141, 59,  
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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