

Converting Colors

XYZ(15.4382, 7.9248, 2.2514)

Have a look what the booklet for
XYZ(15.4382, 7.9248, 2.2514)
contains.

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Color

**XYZ(15.3930, 7.9020,
2.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	A30022
RGB	163, 0, 34
RGB Percent	64%, 0%, 13%
CMY	0.3608, 0.9999, 0.8667
CMYK	0.00, 1.00, 0.79, 0.36
HSL	347°, 100%, 32%
HSV	347°, 100%, 64%
XYZ	15.3930, 7.9020, 2.2273
YIQ	52.6130, 86.2340, 45.1300

Conversions

Conversions Part 2

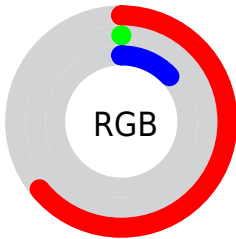
Format	Color
R_{YB}	163, 0, 34
Decimal	10682402
CIE _{Lab}	33.78, 57.98, 31.13
CIE _{LCh}	34, 65.807, 28.229
Yxy	7.9020, 0.6031, 0.3096
Android (android.graphics.Color)	4288872482 (0xFFA30022)
YUV	52.6130, -9.1762, 96.8094
Hunter-Lab	28.1105, 48.5513, 14.9796

Details

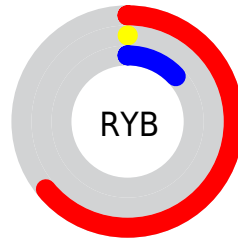
The XYZ color **15.3930, 7.9020, 2.2273** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **17.0614, 27.7800, 25.2399**, and the grayscale version is **3.3421, 3.5162, 3.8291**.

A 20% lighter version of the original color is **35.0471, 21.7409, 9.7464**, and **5.4795, 2.8248, 0.2564** is the 20% darker color. If you saturate the color by 10%, you get **15.3926, 7.9019, 2.2259**, and if you desaturate by 10%, it is **15.8054, 8.3712, 3.4617**.

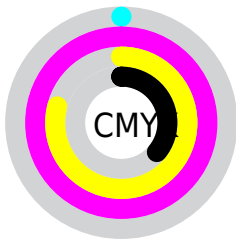
Distribution



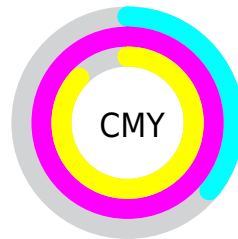
- Red (64%)
- Green (0%)
- Blue (13%)



- Red (64%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (79%)
- Black (36%)





- Cyan (36%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3930, 7.9020, 2.2273 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 15.3930, 7.9020, 2.2273 by changing the saturation by 10% instead.


 15.3930, 7.9020,
2.2273


 15.3930, 7.9020,
2.2273


219.0743,
174.9613, 125.8121


 9.1838, 4.0323,
0.6901


 35.1072, 21.7661,
9.6534


 4.9193, 1.6916,
0.0000

 49.3428, 32.5293,
16.4045


 2.2343, 0.4182,
0.0000

 66.9847, 46.3591,
25.7390

 0.7607, 0.0000,
0.0000


 88.3981, 63.6399,
38.0755


 0.0000, 0.0000,
0.0000

 113.9484, 84.7562,
53.8326


 144.0010,


110.0922, 73.4286


 178.9212,
140.0325, 97.2823


 15.3930, 7.9020,
2.2273


 15.3930, 7.9020,
2.2273


 15.3926, 7.9019,
2.2259

 15.8054, 8.3712,
3.4617

 16.4481, 9.1776,
5.1524

 17.3922, 10.4539,
7.3534

 18.6713, 12.2584,
10.1034

 20.3144, 14.6410,
13.4371

■ 22.3473, 17.6457,
17.3860

■ 24.7934, 21.3122,
21.9797

■ 27.6741, 25.6770,
27.2454

■ 31.0094, 30.7738,
33.2090

Harmonies

Analogous

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



16.7519, 7.9020, 9.2303



15.3930, 7.9020, 2.2273



11.7686, 7.9020, 0.1602

Triad

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



15.3930, 7.9020, 2.2273



3.0342, 7.9020, 1.8240



7.2990, 7.9020, 47.4207

Complementary

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



15.3930, 7.9020, 2.2273



17.0614, 27.7800, 25.2399

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.



4.4279, 7.9020, 38.7818



15.3930, 7.9020, 2.2273



2.5044, 7.9020, 8.0065

Square

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



15.3930, 7.9020, 2.2273



4.6932, 7.9020, 0.0180



2.9190, 7.9020, 21.7708



11.2764, 7.9020, 40.4753

Rectangle

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



15.3930, 7.9020, 2.2273



9.0105, 7.9020, 0.0000



2.9190, 7.9020, 21.7708



6.1872, 7.9020, 46.1627

Sweetspot

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



15.3932, 7.9025, 2.2274



44.1325, 37.7606, 38.8623



15.4663, 7.2099, 35.2266



9.5004, 7.8623, 7.9609



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.3932, 7.9025, 2.2274



27.5075, 14.1279, 3.6722



16.0892, 9.7562, 1.0358



7.1314, 7.1090, 7.6783



11.9770, 6.1469, 1.8038



0.2670, 0.1353, 0.1189

Inverse Universe

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



15.3932, 7.9025, 2.2274



27.5075, 14.1279, 3.6722



12.9518, 15.3259, 36.9257



7.1314, 7.1090, 7.6783



11.9770, 6.1469, 1.8038



0.2670, 0.1353, 0.1189

Previews

White Background



This preview shows how the XYZ color 15.3930, 7.9020, 2.2273 looks on a white background.

Color Contrast Check

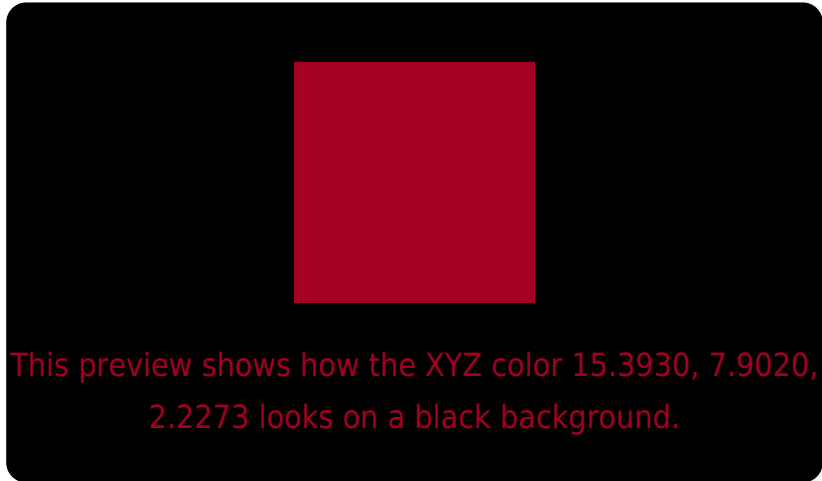
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3930, 7.9020, 2.2273

Background



This preview shows how black text looks on a background with the XYZ color 15.3930, 7.9020, 2.2273.



This preview shows how white text looks on a background with the XYZ color 15.3930, 7.9020,

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

15.3930, 7.9020, 2.2273

Protanopia

7.9295, 8.6081, 4.4924

Deuteranopia

8.5880, 8.4537, 1.9897



Tritanopia

15.2777, 8.1072, 0.8458

Trichromacy



Original Color

15.3930, 7.9020, 2.2273

Protanomaly

9.0829, 6.5176, 3.2619

Deuteranomaly

9.7959, 6.7203, 1.8178

Tritanomaly

15.2812, 8.0136, 1.1568

Monochromacy



Original Color

15.3930, 7.9020, 2.2273

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.5794, 3.6685, 2.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3930, 7.9020, 2.2273 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(163, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 34)  
}
```

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(163, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 34) }
```

Border

The CSS property to change the border of an element to XYZ 15.3930, 7.9020, 2.2273 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(163, 0, 34) }
```


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

```
.border{ border-color:rgb(163, 0, 34) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(163, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.3930, 7.9020, 2.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 34) }
```

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

```
.background{ background-color: rgb(163, 0,  
34) }
```

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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