

Converting Colors

XYZ(13.0920, 7.1303, 1.5355)

Have a look what the booklet for
XYZ(13.0920, 7.1303, 1.5355)
contains.

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Color

**XYZ(13.0107, 7.0863,
1.5462)**

Conversions

Conversions Part 1

Format	Color
Hex	961518
RGB	150, 21, 24
RGB Percent	59%, 8%, 9%
CMY	0.4118, 0.9176, 0.9059
CMYK	0.00, 0.86, 0.84, 0.41
HSL	359°, 75%, 34%
HSV	359°, 86%, 59%
XYZ	13.0107, 7.0863, 1.5462
YIQ	59.9130, 75.9210, 28.2810

Conversions

Conversions Part 2

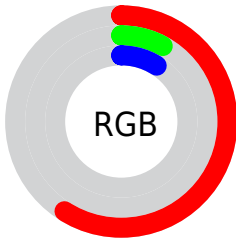
Format	Color
R_{YB}	150, 21, 24
Decimal	9835800
CIE Lab	32.00, 50.78, 34.33
CIE LCh	32, 61.295, 34.063
Yxy	7.0863, 0.6011, 0.3274
Android (android.graphics.Color)	4288025880 (0xFF961518)
YUV	59.9130, -17.7051, 79.0063
Hunter-Lab	26.6201, 40.6575, 15.1903

Details

The XYZ color **13.0107, 7.0863, 1.5462** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **16.4832, 24.0791, 31.3878**, and the grayscale version is **4.3002, 4.5241, 4.9268**.

A 20% lighter version of the original color is **30.8498, 20.1511, 7.7324**, and **4.2164, 2.1737, 0.1973** is the 20% darker color. If you saturate the color by 10%, you get **12.6941, 6.6350, 0.8801**, and if you desaturate by 10%, it is **13.5693, 7.8907, 2.6973**.

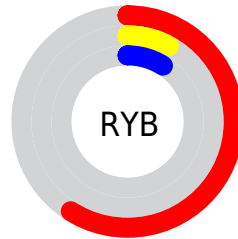
Distribution



Red (59%)

Green (8%)

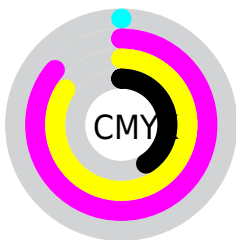
Blue (9%)



Red (59%)

Yellow (8%)

Blue (9%)

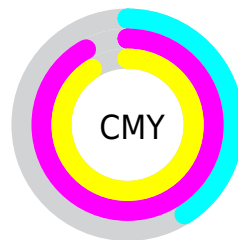


Cyan (0%)

Magenta (86%)

Yellow (84%)

Black (41%)



Cyan (41%)


Magenta (92%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0107, 7.0863, 1.5462 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 13.0107, 7.0863, 1.5462 by changing the saturation by 10% instead.


 13.0107, 7.0863,
1.5462


 13.0107, 7.0863,
1.5462


204.6224,
168.3789, 114.8765


 7.5130, 3.5161,
0.2520


 30.9242, 20.1466,
7.7583


 3.8341, 1.4068,
0.0000

 44.0706, 30.4055,
13.6742


 1.6087, 0.2217,
0.0000

 60.4973, 43.6629,
22.0215

 0.3981, 0.0000,
0.0000

 80.5696, 60.3029,
33.2186

 0.0000, 0.0000,
0.0000

 104.6530, 80.7102,
47.6841

 133.1126,

105.2690, 65.8366

166.3140,
134.3637, 88.0945

13.0107, 7.0863,
1.5462

13.0107, 7.0863,
1.5462

12.6941, 6.6350,
0.8801

13.5693, 7.8907,
2.6973

12.5966, 6.4916,
0.6888

14.4116, 9.1126,
4.4045

15.5687, 10.7988,
6.7259

17.0673, 12.9893,
9.7126

18.9316, 15.7201,
13.4102

■ 21.1834, 19.0236,
17.8601

■ 23.8427, 22.9300,
23.1008

■ 26.9285, 27.4672,
29.1680

■ 30.4582, 32.6612,
36.0952

Harmonies

Analogous

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



14.6443, 7.0863, 6.5639



13.0107, 7.0863, 1.5462



9.7074, 7.0863, 0.0039

Triad

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



13.0107, 7.0863, 1.5462



2.6591, 7.0863, 2.3842



7.1683, 7.0863, 40.5591

Complementary

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



13.0107, 7.0863, 1.5462



16.4832, 24.0791, 31.3878

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.



4.4418, 7.0863, 35.6788



13.0107, 7.0863, 1.5462



2.3551, 7.0863, 8.9951

Square

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



13.0107, 7.0863, 1.5462



3.9082, 7.0863, 0.3075



2.8939, 7.0863, 21.8512



10.6750, 7.0863, 32.4129

Rectangle

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



13.0107, 7.0863, 1.5462



7.3737, 7.0863, 0.0000



2.8939, 7.0863, 21.8512



6.1349, 7.0863, 40.4114

Sweetspot

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



13.0109, 7.0867, 1.5463



37.1597, 33.2431, 31.0762



17.5742, 8.8223, 29.6305



7.9479, 6.9457, 6.3199



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



13.0109, 7.0867, 1.5463



22.2214, 11.4527, 1.1683



15.6709, 12.4538, 2.2880



5.8059, 5.8174, 6.0841



10.4491, 5.3847, 0.5802



0.1290, 0.0663, 0.0128

Inverse Universe

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



13.0109, 7.0867, 1.5463



22.2214, 11.4527, 1.1683



9.4543, 9.6412, 30.2166



5.8059, 5.8174, 6.0841



10.4491, 5.3847, 0.5802



0.1290, 0.0663, 0.0128

Previews

White Background



This preview shows how the XYZ color 13.0107, 7.0863, 1.5462 looks on a white background.

Color Contrast Check

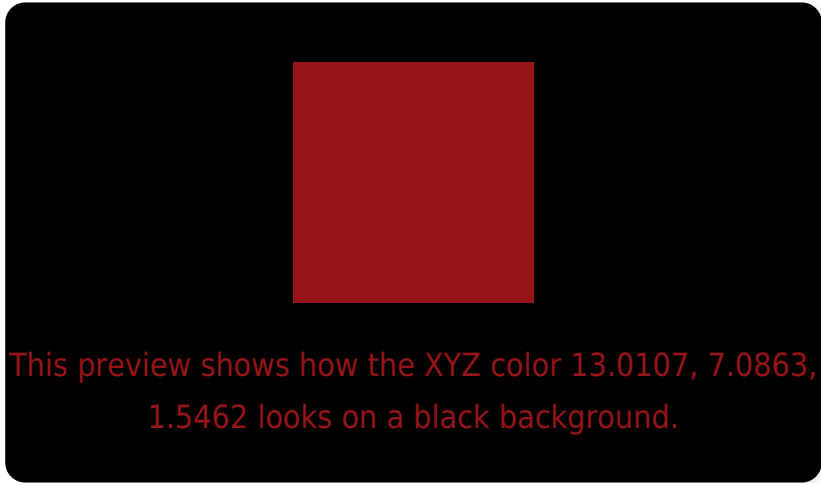
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0107, 7.0863, 1.5462

Background



This preview shows how black text looks on a background with the XYZ color 13.0107, 7.0863, 1.5462.



This preview shows how white text looks on a background with the XYZ color 13.0107, 7.0863,

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

13.0107, 7.0863, 1.5462

Protanopia

6.8256, 7.4198, 2.8227

Deuteranopia

7.4469, 7.3727, 1.1742



Tritanopia

12.9909, 7.1084, 1.3492

Trichromacy



Original Color

13.0107, 7.0863, 1.5462

Protanomaly

8.0305, 6.2817, 2.1557

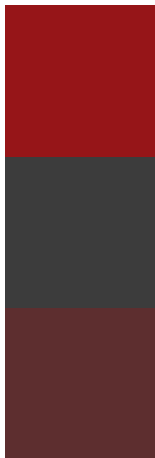
Deuteranomaly

8.7216, 6.4468, 1.1325

Tritanomaly

12.9999, 7.1120, 1.3970

Monochromacy



Original Color

13.0107, 7.0863, 1.5462

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.0043, 4.4864, 3.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0107, 7.0863, 1.5462 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(150, 21, 24)` looks like.

```
.text, #text, p{  
    color:rgb(150, 21, 24)  
}
```

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(150, 21, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 21, 24) }
```

Border

The CSS property to change the border of an element to XYZ 13.0107, 7.0863, 1.5462 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(150, 21, 24) }
```


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

```
.border{ border-color:rgb(150, 21, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 21, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 21, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 21, 24);  
box-shadow:4px 4px 4px 4px rgb(150, 21,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0107, 7.0863, 1.5462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 21, 24) }
```

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

```
.background{ background-color: rgb(150, 21,  
24) }
```

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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