

Converting Colors

XYZ(10.4875, 5.4001, 0.7822)

Have a look what the booklet for
XYZ(10.4875, 5.4001, 0.7822)
contains.

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Color

**XYZ(10.5360, 5.4252,
0.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	8A000A
RGB	138, 0, 10
RGB Percent	54%, 0%, 4%
CMY	0.4588, 0.9999, 0.9608
CMYK	0.00, 1.00, 0.93, 0.46
HSL	356°, 100%, 27%
HSV	356°, 100%, 54%
XYZ	10.5360, 5.4252, 0.7790
YIQ	42.4020, 79.0380, 32.3660

Conversions

Conversions Part 2

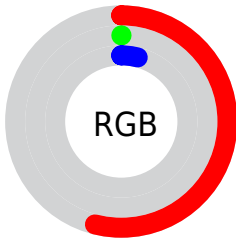
Format	Color
RYB	138, 0, 10
Decimal	9043978
CIELab	27.91, 50.91, 36.98
CIElCh	28, 62.922, 36.000
Yxy	5.4252, 0.6294, 0.3241
Android (android.graphics.Color)	4287234058 (0xFF8A000A)
YUV	42.4020, -15.9742, 83.8394
Hunter-Lab	23.2921, 39.9821, 14.3215

Details

The XYZ color **10.5360, 5.4252, 0.7790** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **12.9862, 19.7359, 23.5536**, and the grayscale version is **2.2492, 2.3664, 2.5770**.

A 20% lighter version of the original color is **26.3472, 16.6647, 5.3180**, and **3.1419, 1.6197, 0.1470** is the 20% darker color. If you saturate the color by 10%, you get **10.5358, 5.4251, 0.7785**, and if you desaturate by 10%, it is **10.7884, 5.7735, 1.3460**.

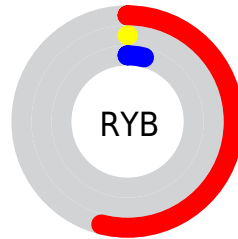
Distribution



Red (54%)

Green (0%)

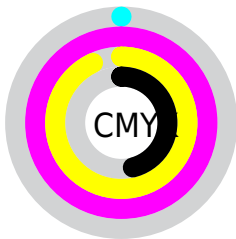
Blue (4%)



Red (54%)

Yellow (0%)

Blue (4%)

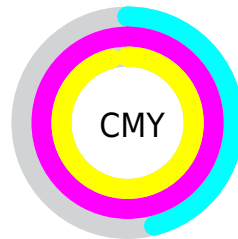


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (46%)



Cyan (46%)


Magenta (100%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5360, 5.4252, 0.7790 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 10.5360, 5.4252, 0.7790 by changing the saturation by 10% instead.


 10.5360, 5.4252,
0.7790


 10.5360, 5.4252,
0.7790


 188.4307,
153.8501, 99.2225


 5.8207, 2.4988,
0.0000

 26.4395, 16.7263,
5.3408


 2.7760, 0.8761,
0.0000

 38.3585, 25.8699,
10.0724

 1.0364, 0.0000,
0.0000

 53.4094, 37.8546,
16.9999


 0.0000, 0.0000,
0.0000


 71.9577, 53.0650,
26.5416


 94.3685, 71.8853,
39.1162

 121.0075, 94.7000,

55.1422


 152.2397,
121.8934, 75.0381


 10.5360, 5.4252,
0.7790

 10.5360, 5.4252,
0.7790


 10.5358, 5.4251,
0.7785

 10.7884, 5.7735,
1.3460

 11.1998, 6.3407,
2.2711

 11.8305, 7.2350,
3.6133

 12.7056, 8.4956,
5.4143

 13.8467, 10.1563,
7.7106

■ 15.2731, 12.2471,
10.5352

■ 17.0022, 14.7949,
13.9180

■ 19.0501, 17.8248,
17.8868

■ 21.4317, 21.3596,
22.4675

Harmonies

Analogous

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



12.1479, 5.4252, 4.4976



10.5360, 5.4252, 0.7790



7.5437, 5.4252, 0.0000

Triad

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



10.5360, 5.4252, 0.7790



1.7409, 5.4252, 1.7135



5.7129, 5.4252, 35.9949

Complementary

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



10.5360, 5.4252, 0.7790



12.9862, 19.7359, 23.5536

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.



3.3349, 5.4252, 32.1609



10.5360, 5.4252, 0.7790



1.5467, 5.4252, 7.5840

Square

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



10.5360, 5.4252, 0.7790



2.6860, 5.4252, 0.0000



2.0147, 5.4252, 19.4807



8.8082, 5.4252, 27.6283

Rectangle

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



10.5360, 5.4252, 0.7790



5.5236, 5.4252, 0.0000



2.0147, 5.4252, 19.4807



4.8060, 5.4252, 36.1445

Sweetspot

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



10.5361, 5.4255, 0.7791



29.7530, 25.7591, 24.1112



13.2659, 6.3092, 24.5631



6.4139, 5.3948, 4.9016



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



10.5361, 5.4255, 0.7791



18.5471, 9.5531, 1.2442



11.9697, 8.3803, 0.9872



5.0466, 5.0541, 5.3339



9.6624, 4.9751, 0.7264



0.0659, 0.0337, 0.0136

Inverse Universe

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



10.5361, 5.4255, 0.7791



18.5471, 9.5531, 1.2442



7.4936, 7.6470, 25.1256



5.0466, 5.0541, 5.3339



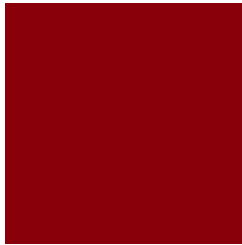
9.6624, 4.9751, 0.7264



0.0659, 0.0337, 0.0136

Previews

White Background



This preview shows how the XYZ color 10.5360, 5.4252, 0.7790 looks on a white background.

Color Contrast Check

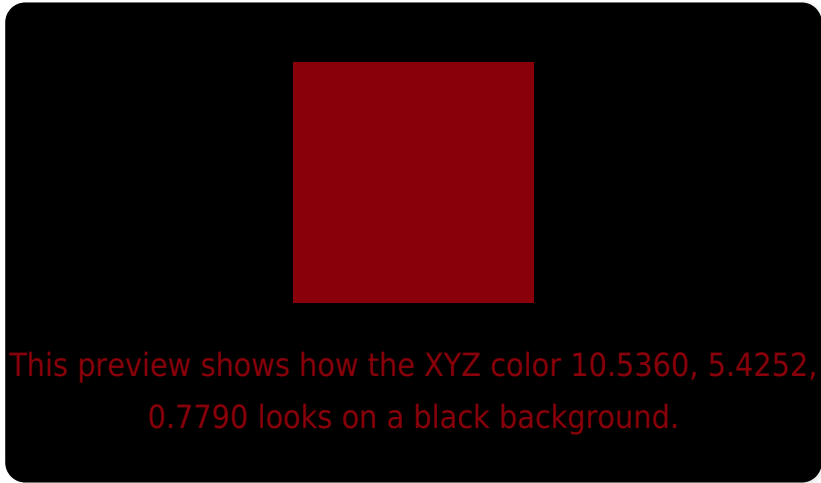
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5360, 5.4252, 0.7790

Background



This preview shows how black text looks on a background with the XYZ color 10.5360, 5.4252, 0.7790.



This preview shows how white text looks on a background with the XYZ color 10.5360, 5.4252,

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

10.5360, 5.4252, 0.7790

Protanopia

5.4769, 6.0579, 1.6397

Deuteranopia

5.9727, 5.9711, 0.8377



Tritanopia

10.4605, 5.6062, 0.5308

Trichromacy



Original Color

10.5360, 5.4252, 0.7790

Protanomaly

6.3031, 4.6298, 1.1337

Deuteranomaly

6.7937, 4.7289, 0.6696

Tritanomaly

10.4253, 5.5008, 0.6272

Monochromacy



Original Color

10.5360, 5.4252, 0.7790

Achromatopsia

2.2007, 2.3153, 2.5214

Achromatomaly

3.6868, 2.4554, 1.5079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5360, 5.4252, 0.7790 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(138, 0, 10)` looks like.

```
.text, #text, p{  
  color:rgb(138, 0, 10)  
}
```

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(138, 0, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 10) }
```

Border

The CSS property to change the border of an element to XYZ 10.5360, 5.4252, 0.7790 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(138, 0, 10) }
```


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

```
.border{ border-color:rgb(138, 0, 10) }
```

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

Here you see how a box with a 4 pixel rgb(138, 0, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 10);  
box-shadow:4px 4px 4px 4px rgb(138, 0, 10)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5360, 5.4252, 0.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 10) }
```

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

```
.background{ background-color: rgb(138, 0,  
10) }
```

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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