

Converting Colors

XYZ(10.5336, 5.4155, 8.4728)

Have a look what the booklet for
XYZ(10.5336, 5.4155, 8.4728)
contains.

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Color

**XYZ(10.5336, 5.4155,
8.4728)**

Conversions

Conversions Part 1

Format	Color
Hex	800A52
RGB	128, 10, 82
RGB Percent	50%, 4%, 32%
CMY	0.4980, 0.9607, 0.6784
CMYK	0.00, 0.92, 0.36, 0.50
HSL	323°, 85%, 27%
HSV	323°, 92%, 50%
XYZ	10.5336, 5.4155, 8.4728
YIQ	53.4900, 47.2160, 47.4080

Conversions

Conversions Part 2

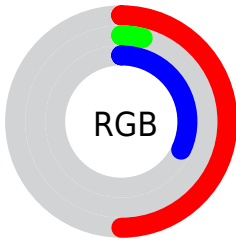
Format	Color
R_{YB}	128, 10, 82
Decimal	8391250
CIE _{Lab}	27.89, 51.00, -9.72
CIE _{LCh}	28, 51.917, 349.211
Yxy	5.4155, 0.4313, 0.2217
Android (android.graphics.Color)	4286581330 (0xFF800A52)
YUV	53.4900, 14.0554, 65.3453
Hunter-Lab	23.2712, 40.0725, -5.2970

Details

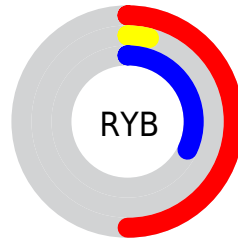
The XYZ color **10.5336, 5.4155, 8.4728** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **8.5587, 15.7886, 6.3397**, and the grayscale version is **3.4240, 3.6023, 3.9229**.

A 20% lighter version of the original color is **26.4869, 16.7181, 23.3036**, and **3.1580, 1.5894, 1.8906** is the 20% darker color. If you saturate the color by 10%, you get **10.2806, 5.1406, 7.6761**, and if you desaturate by 10%, it is **10.9247, 5.8826, 9.5745**.

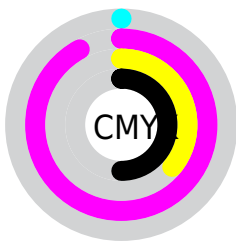
Distribution



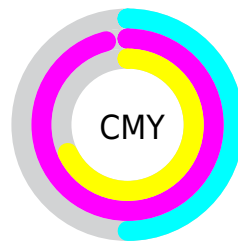
- Red (50%)
- Green (4%)
- Blue (32%)



- Red (50%)
- Yellow (4%)
- Blue (32%)



- Cyan (0%)
- Magenta (92%)
- Yellow (36%)
- Black (50%)





- Cyan (50%)
- Magenta (96%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5336, 5.4155, 8.4728 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 10.5336, 5.4155, 8.4728 by changing the saturation by 10% instead.

 10.5336, 5.4155,
8.4728


 10.5336, 5.4155,
8.4728


188.4143,
153.7598, 189.4657


 5.8191, 2.4931,
4.3069

 26.4351, 16.7058,
23.4415


 2.7750, 0.8732,
1.7952

 38.3528, 25.8424,
35.0814

 1.0359, 0.0000,
0.4248

 53.4023, 37.8192,
50.0497

 0.0000, 0.0000,
0.0000

 71.9490, 53.0206,
68.7648

 94.3582, 71.8310,
91.6455

 120.9952, 94.6347,

119.1102

152.2255,
121.8162, 151.5774

10.5336, 5.4155,
8.4728

10.5336, 5.4155,
8.4728

10.2806, 5.1406,
7.6761

10.9247, 5.8826,
9.5745

11.4523, 6.6002,
10.7913

12.1324, 7.5998,
12.1298

12.9787, 8.9083,
13.5959

14.0032, 10.5494,
15.1950

■ 15.2168, 12.5443,
16.9319

■ 16.6294, 14.9128,
18.8111

■ 18.2503, 17.6727,
20.8369

■ 20.0882, 20.8411,
23.0134

Harmonies

Analogous

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



9.0689, 5.4155, 17.9105



10.5336, 5.4155, 8.4728



10.2761, 5.4155, 2.7366

Triad

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



10.5336, 5.4155, 8.4728



3.8749, 5.4155, 0.0000



2.8454, 5.4155, 20.6864

Complementary

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



10.5336, 5.4155, 8.4728



8.5587, 15.7886, 6.3397

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.



2.0929, 5.4155, 10.8599



10.5336, 5.4155, 8.4728



2.5591, 5.4155, 0.9906

Square

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



10.5336, 5.4155, 8.4728



5.9820, 5.4155, 0.0000



2.0057, 5.4155, 3.9039



4.3940, 5.4155, 27.6607

Rectangle

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



10.5336, 5.4155, 8.4728



9.1787, 5.4155, 1.0706



2.0057, 5.4155, 3.9039



2.5124, 5.4155, 17.3790

Sweetspot

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



10.5338, 5.4158, 8.4729



27.6290, 23.4820, 30.9506



5.5939, 2.5950, 20.6280



6.2640, 5.1566, 6.9677



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.5338, 5.4158, 8.4729



18.0288, 9.0221, 13.1360



9.1734, 4.8716, 1.3091



4.4293, 4.3849, 5.0652



10.1947, 5.0976, 7.6150



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.5338, 5.4158, 8.4729



18.0288, 9.0221, 13.1360



10.8952, 16.7232, 18.6434



4.4293, 4.3849, 5.0652



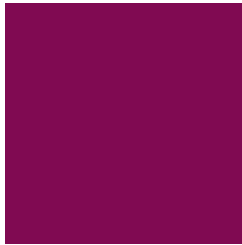
10.1947, 5.0976, 7.6150



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.5336, 5.4155, 8.4728 looks on a white background.

Color Contrast Check

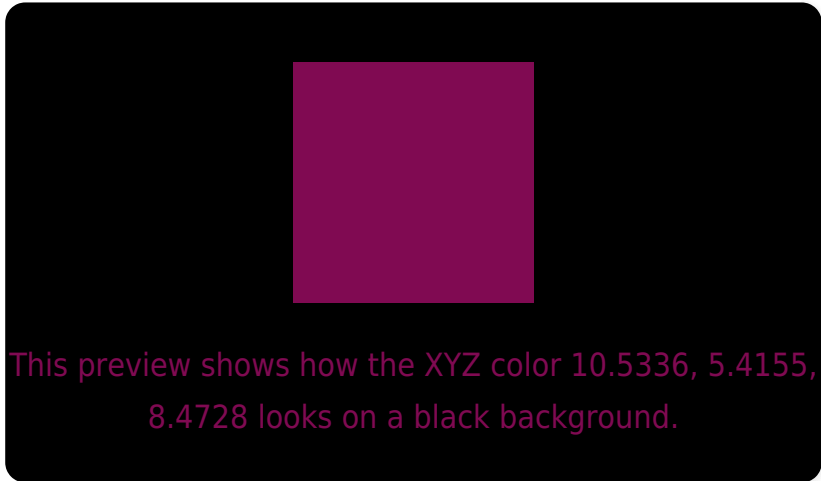
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.5336, 5.4155, 8.4728

Background



This preview shows how black text looks on a background with the XYZ color 10.5336, 5.4155, 8.4728.



This preview shows how white text looks on a background with the XYZ color 10.5336, 5.4155,

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

10.5336, 5.4155, 8.4728

Protanopia

6.3318, 5.8796, 17.3241

Deuteranopia

5.9102, 5.8757, 7.6601



Tritanopia

9.3047, 5.5690, 2.1746

Trichromacy



Original Color

10.5336, 5.4155, 8.4728

Protanomaly

6.4562, 4.4900, 13.6231

Deuteranomaly

6.7658, 4.7794, 7.7736

Tritanomaly

9.5716, 5.3788, 3.7825

Monochromacy



Original Color

10.5336, 5.4155, 8.4728

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

4.8952, 3.3988, 5.2485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5336, 5.4155, 8.4728 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(128, 10, 82)` looks like.

```
.text, #text, p{  
  color:rgb(128, 10, 82)  
}
```

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(128, 10, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 10, 82) }
```

Border

The CSS property to change the border of an element to XYZ 10.5336, 5.4155, 8.4728 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(128, 10, 82) }
```


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

```
.border{ border-color:rgb(128, 10, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 10, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 10, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 10, 82);  
box-shadow:4px 4px 4px 4px rgb(128, 10,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5336, 5.4155, 8.4728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 10, 82) }
```

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

```
.background{ background-color: rgb(128, 10,  
82) }
```

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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