

Converting Colors

XYZ(11.4136, 5.8197, 3.4369)

Have a look what the booklet for
XYZ(11.4136, 5.8197, 3.4369)
contains.

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Color

**XYZ(11.3696, 5.7972,
3.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	8C0031
RGB	140, 0, 49
RGB Percent	55%, 0%, 19%
CMY	0.4510, 0.9999, 0.8078
CMYK	0.00, 1.00, 0.65, 0.45
HSL	339°, 100%, 27%
HSV	339°, 100%, 55%
XYZ	11.3696, 5.7972, 3.4255
YIQ	47.4460, 67.7110, 44.9190

Conversions

Conversions Part 2

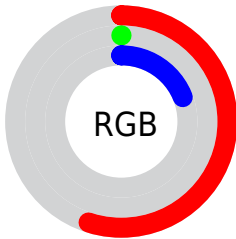
Format	Color
R_YB	140, 0, 49
Decimal	9175089
CIE Lab	28.89, 52.85, 14.27
CIE LCh	29, 54.741, 15.108
Yxy	5.7972, 0.5521, 0.2815
Android (android.graphics.Color)	4287365169 (0xFF8C0031)
YUV	47.4460, 0.7661, 81.1699
Hunter-Lab	24.0774, 42.1542, 8.4189

Details

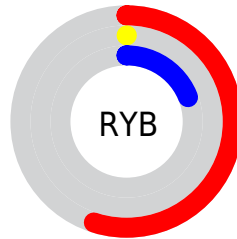
The XYZ color **11.3696, 5.7972, 3.4255** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11.2673, 19.5118, 13.0737**, and the grayscale version is **2.7446, 2.8876, 3.1446**.

A 20% lighter version of the original color is **27.8720, 17.4748, 12.7304**, and **3.5782, 1.8434, 0.2246** is the 20% darker color. If you saturate the color by 10%, you get **11.3693, 5.7971, 3.4242**, and if you desaturate by 10%, it is **11.7387, 6.1965, 4.5939**.

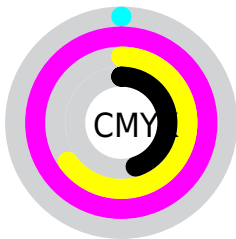
Distribution



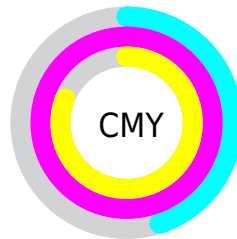
- Red (55%)
- Green (0%)
- Blue (19%)



- Red (55%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (45%)





- Cyan (45%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3696, 5.7972, 3.4255 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 11.3696, 5.7972, 3.4255 by changing the saturation by 10% instead.


 11.3696, 5.7972,
3.4255


 11.3696, 5.7972,
3.4255


194.0424,
157.2581, 141.6081


 6.3851, 2.7222,
1.3158


 27.9686, 17.5089,
12.6615


 3.1235, 0.9885,
0.0747

 40.3138, 26.9143,
20.6248


 1.2194, 0.0000,
0.0000

 55.8432, 39.1987,
31.3765

 0.1216, 0.0000,
0.0000

 74.9224, 54.7464,
45.3350

 0.0000, 0.0000,
0.0000

 97.9165, 73.9417,
62.9188

 125.1909, 97.1692,

84.5466

157.1111,
124.8132, 110.6369

11.3696, 5.7972,
3.4255

11.3696, 5.7972,
3.4255

11.3693, 5.7971,
3.4242

11.7387, 6.1965,
4.5939

12.2500, 6.8145,
6.0118

12.9588, 7.7586,
7.7075

13.8860, 9.0678,
9.6973

15.0496, 10.7752,
11.9957

■ 16.4656, 12.9103,
14.6164

■ 18.1487, 15.4998,
17.5719

■ 20.1123, 18.5680,
20.8743

■ 22.3689, 22.1379,
24.5349

Harmonies

Analogous

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



11.3770, 5.7972, 10.4171



11.3696, 5.7972, 3.4255



9.5130, 5.7972, 0.7717

Triad

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



11.3696, 5.7972, 3.4255



2.8169, 5.7972, 0.7820



4.3936, 5.7972, 30.1145

Complementary

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



11.3696, 5.7972, 3.4255



11.2673, 19.5118, 13.0737

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.



2.8249, 5.7972, 21.3466



11.3696, 5.7972, 3.4255



2.1139, 5.7972, 3.4582

Square

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



11.3696, 5.7972, 3.4255



4.3789, 5.7972, 0.0000



2.1163, 5.7972, 10.4856



6.8209, 5.7972, 30.0773

Rectangle

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



11.3696, 5.7972, 3.4255



7.7219, 5.7972, 0.0114



2.1163, 5.7972, 10.4856



3.7669, 5.7972, 27.9192

Sweetspot

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



11.3697, 5.7976, 3.4256



31.7912, 27.0075, 30.6260



9.0488, 4.1183, 25.1288



7.0604, 5.8137, 6.5969



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.



11.3697, 5.7976, 3.4256



19.9749, 10.1926, 5.6692



11.0837, 6.1123, 0.5961



5.1004, 5.0756, 5.6174



10.1109, 5.1545, 3.0883



0.0736, 0.0368, 0.0545

Inverse Universe

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



11.3697, 5.7976, 3.4256



19.9749, 10.1926, 5.6692



11.3309, 15.0878, 27.1258



5.1004, 5.0756, 5.6174



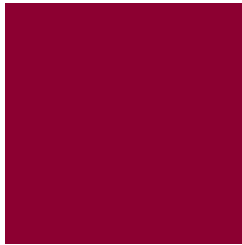
10.1109, 5.1545, 3.0883



0.0736, 0.0368, 0.0545

Previews

White Background



This preview shows how the XYZ color 11.3696, 5.7972, 3.4255 looks on a white background.

Color Contrast Check

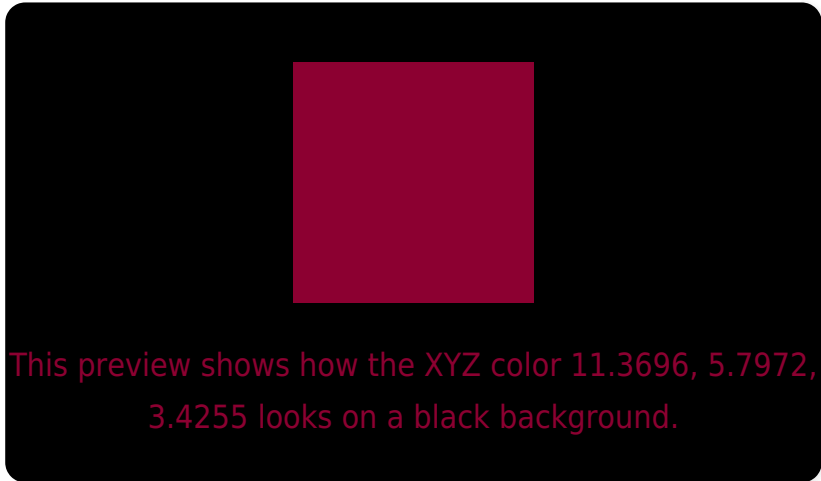
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3696, 5.7972, 3.4255

Background



This preview shows how black text looks on a background with the XYZ color 11.3696, 5.7972, 3.4255.



This preview shows how white text looks on a background with the XYZ color 11.3696, 5.7972,

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

11.3696, 5.7972, 3.4255

Protanopia

6.1706, 6.3908, 7.0392

Deuteranopia

6.4336, 6.3349, 3.1692



Tritanopia

11.0068, 6.0330, 1.1566

Trichromacy



Original Color

11.3696, 5.7972, 3.4255

Protanomaly

6.7936, 4.7883, 5.4167

Deuteranomaly

7.2814, 4.9814, 3.0604

Tritanomaly

11.0132, 5.8655, 1.7141

Monochromacy



Original Color

11.3696, 5.7972, 3.4255

Achromatopsia

2.7019, 2.8426, 3.0956

Achromatomaly

4.3911, 2.8913, 3.1229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3696, 5.7972, 3.4255 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(140, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(140, 0, 49)  
}
```

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(140, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 0, 49) }
```

Border

The CSS property to change the border of an element to XYZ 11.3696, 5.7972, 3.4255 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(140, 0, 49) }
```


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

```
.border{ border-color:rgb(140, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(140, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3696, 5.7972, 3.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 0, 49) }
```

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

```
.background{ background-color: rgb(140, 0,  
49) }
```

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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