

Converting Colors

XYZ(11.3569, 5.7745, 4.2134)

Have a look what the booklet for
XYZ(11.3569, 5.7745, 4.2134)
contains.

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Color

**XYZ(11.3613, 5.7745,
4.2572)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0038
RGB	139, 0, 56
RGB Percent	55%, 0%, 22%
CMY	0.4549, 0.9999, 0.7804
CMYK	0.00, 1.00, 0.60, 0.45
HSL	336°, 100%, 27%
HSV	336°, 100%, 55%
XYZ	11.3613, 5.7745, 4.2572
YIQ	47.9450, 64.8680, 46.8840

Conversions

Conversions Part 2

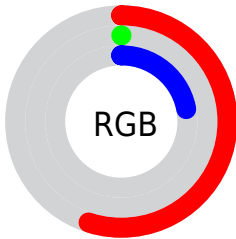
Format	Color
R_{YB}	139, 0, 56
Decimal	9109560
CIE Lab	28.84, 53.04, 9.42
CIE LCh	29, 53.872, 10.073
Yxy	5.7745, 0.5311, 0.2699
Android (android.graphics.Color)	4287299640 (0xFF8B0038)
YUV	47.9450, 3.9711, 79.8552
Hunter-Lab	24.0302, 42.3407, 6.3173

Details

The XYZ color **11.3613, 5.7745, 4.2572** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **10.7948, 19.0901, 11.3028**, and the grayscale version is **2.7953, 2.9408, 3.2026**.

A 20% lighter version of the original color is **27.9901, 17.4915, 14.7329**, and **3.5523, 1.8229, 0.5454** is the 20% darker color. If you saturate the color by 10%, you get **11.3610, 5.7744, 4.2559**, and if you desaturate by 10%, it is **11.7374, 6.1744, 5.4687**.

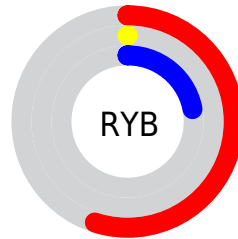
Distribution



Red (55%)

Green (0%)

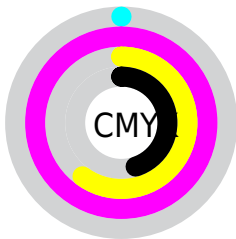
Blue (22%)



Red (55%)

Yellow (0%)

Blue (22%)

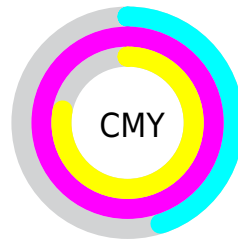


Cyan (0%)

Magenta (100%)

Yellow (60%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3613, 5.7745, 4.2572 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 11.3613, 5.7745, 4.2572 by changing the saturation by 10% instead.

■ 11.3613, 5.7745,
4.2572

■ 11.3613, 5.7745,
4.2572

193.9873,
157.0530, 151.0426

■ 6.3795, 2.7085,
1.7675

■ 27.9534, 17.4614,
14.5987

■ 3.1200, 0.9815,
0.4064

■ 40.2944, 26.8511,
23.2876

■ 1.2175, 0.0000,
0.0000

■ 55.8192, 39.1175,
34.8800

■ 0.1202, 0.0000,
0.0000


■ 74.8932, 54.6449,
49.7943


■ 0.0000, 0.0000,
0.0000


■ 97.8816, 73.8177,
68.4492


■ 125.1499, 97.0204,

91.2632


 157.0633,
124.6374, 118.6548


 11.3613, 5.7745,
4.2572


 11.3613, 5.7745,
4.2572

 11.3610, 5.7744,
4.2559

 11.7374, 6.1744,
5.4687

 12.2478, 6.7866,
6.8988

 12.9470, 7.7175,
8.5728

 13.8549, 9.0050,
10.5041

 14.9888, 10.6816,
12.7049

■ 16.3641, 12.7760,
15.1864

■ 17.9948, 15.3144,
17.9591

■ 19.8938, 18.3205,
21.0329

■ 22.0729, 21.8166,
24.4172

Harmonies

Analogous

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



11.0331, 5.7745, 11.9158



11.3613, 5.7745, 4.2572



9.8032, 5.7745, 1.0539

Triad

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



11.3613, 5.7745, 4.2572



3.0323, 5.7745, 0.5938



4.0681, 5.7745, 28.5098

Complementary

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



11.3613, 5.7745, 4.2572



10.7948, 19.0901, 11.3028

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.



2.6722, 5.7745, 19.1138



11.3613, 5.7745, 4.2572



2.2055, 5.7745, 2.7872

Square

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



11.3613, 5.7745, 4.2572



4.7242, 5.7745, 0.0000



2.0962, 5.7745, 8.8782



6.3310, 5.7745, 30.1409

Rectangle

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



11.3613, 5.7745, 4.2572



8.1115, 5.7745, 0.2118



2.0962, 5.7745, 8.8782



3.5023, 5.7745, 25.9452

Sweetspot

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



11.3614, 5.7749, 4.2573



32.0170, 27.0978, 31.8152



8.0615, 3.6178, 24.6995



7.1167, 5.8362, 6.8933



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.



11.3614, 5.7749, 4.2573



20.2680, 10.3099, 7.2127



10.7742, 5.7423, 0.5410



5.1109, 5.0798, 5.6725



10.2620, 5.2149, 3.8838



0.0751, 0.0374, 0.0623

Inverse Universe

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



11.3614, 5.7749, 4.2573



20.2680, 10.3099, 7.2127



12.3039, 17.1511, 27.0881



5.1109, 5.0798, 5.6725



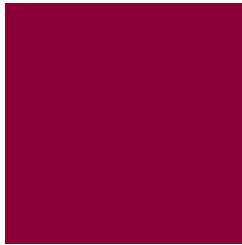
10.2620, 5.2149, 3.8838



0.0751, 0.0374, 0.0623

Previews

White Background



This preview shows how the XYZ color 11.3613, 5.7745, 4.2572 looks on a white background.

Color Contrast Check

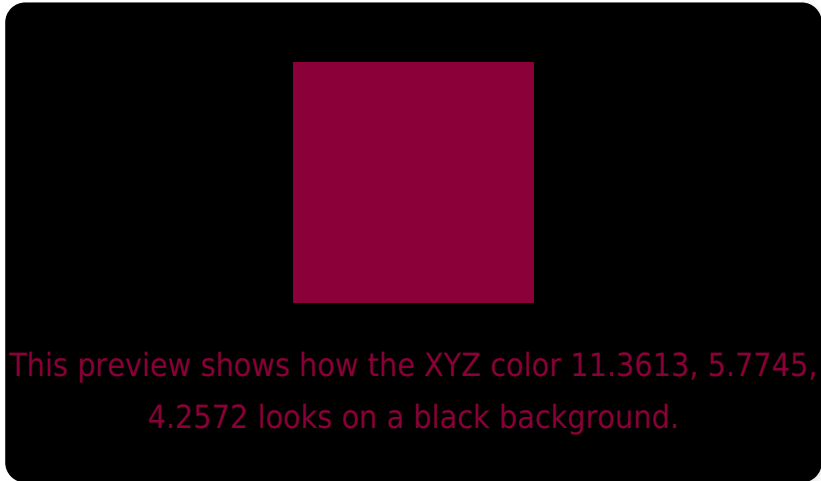
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3613, 5.7745, 4.2572

Background



This preview shows how black text looks on a background with the XYZ color 11.3613, 5.7745, 4.2572.



This preview shows how white text looks on a background with the XYZ color 11.3613, 5.7745,

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

11.3613, 5.7745, 4.2572

Protanopia

6.3020, 6.4178, 8.8892

Deuteranopia

6.3892, 6.2958, 3.8961



Tritanopia

10.9035, 6.0312, 1.2989

Trichromacy



Original Color

11.3613, 5.7745, 4.2572

Protanomaly

6.8603, 4.7907, 6.8665

Deuteranomaly

7.3094, 4.9789, 3.8246

Tritanomaly

10.9270, 5.8328, 2.0633

Monochromacy



Original Color

11.3613, 5.7745, 4.2572

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.4809, 2.9683, 3.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3613, 5.7745, 4.2572 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(139, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(139, 0, 56)  
}
```

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(139, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 0, 56) }
```

Border

The CSS property to change the border of an element to XYZ 11.3613, 5.7745, 4.2572 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(139, 0, 56) }
```


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

```
.border{ border-color:rgb(139, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(139, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 0, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 0, 56);  
box-shadow:4px 4px 4px 4px rgb(139, 0, 56)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3613, 5.7745, 4.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 0, 56) }
```

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

```
.background{ background-color: rgb(139, 0,  
56) }
```

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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