

Converting Colors

XYZ(11.1689, 5.9811, 6.7846)

Have a look what the booklet for
XYZ(11.1689, 5.9811, 6.7846)
contains.

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Color

**XYZ(11.1256, 5.9679,
6.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	851449
RGB	133, 20, 73
RGB Percent	52%, 8%, 29%
CMY	0.4784, 0.9215, 0.7137
CMYK	0.00, 0.85, 0.45, 0.48
HSL	332°, 74%, 30%
HSV	332°, 85%, 52%
XYZ	11.1256, 5.9679, 6.8689
YIQ	59.8290, 50.3350, 40.4390

Conversions

Conversions Part 2

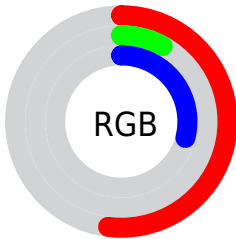
Format	Color
R_{YB}	133, 20, 73
Decimal	8721481
CIE Lab	29.33, 49.19, -1.46
CIE LCh	29, 49.214, 358.301
Yxy	5.9679, 0.4643, 0.2491
Android (android.graphics.Color)	4286911561 (0xFF851449)
YUV	59.8290, 6.4933, 64.1710
Hunter-Lab	24.4293, 38.5413, 0.4296

Details

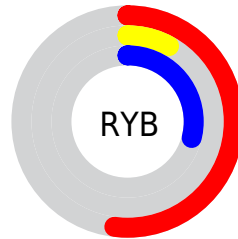
The XYZ color **11.1256, 5.9679, 6.8689** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.1245, 17.5031, 10.4361**, and the grayscale version is **4.2583, 4.4800, 4.8788**.

A 20% lighter version of the original color is **27.4108, 17.7764, 20.0756**, and **3.3762, 1.7134, 1.3811** is the 20% darker color. If you saturate the color by 10%, you get **10.7272, 5.5248, 5.6457**, and if you desaturate by 10%, it is **11.6756, 6.6717, 8.2740**.

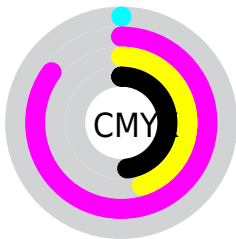
Distribution



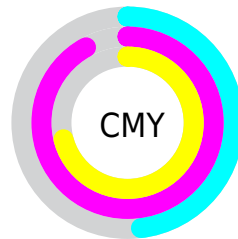
- Red (52%)
- Green (8%)
- Blue (29%)



- Red (52%)
- Yellow (8%)
- Blue (29%)



- Cyan (0%)
- Magenta (85%)
- Yellow (45%)
- Black (48%)





- Cyan (48%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.1256, 5.9679, 6.8689 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 11.1256, 5.9679, 6.8689 by changing the saturation by 10% instead.


 11.1256, 5.9679,
6.8689


 11.1256, 5.9679,
6.8689


192.4178,
158.7893, 176.1593


 6.2193, 2.8256,
3.3030


 27.5231, 17.8645,
20.2173


 3.0208, 1.0414,
1.2514

 39.7450, 27.3875,
30.8370

 1.1648, 0.0000,
0.0214

 55.1361, 39.8063,
44.6450

 0.0783, 0.0000,
0.0000

 74.0618, 55.5051,
62.0599

 0.0000, 0.0000,
0.0000

 96.8875, 74.8684,
83.5003

 123.9785, 98.2806,

109.3846

155.7001,
126.1261, 140.1314

11.1256, 5.9679,
6.8689

11.1256, 5.9679,
6.8689

10.7272, 5.5248,
5.6457

11.6756, 6.6717,
8.2740

10.5526, 5.3384,
5.0857

12.3992, 7.6787,
9.8723

13.3128, 9.0204,
11.6734

14.4305, 10.7238,
13.6857

15.7649, 12.8132,
15.9171

■ 17.3280, 15.3110,
18.3752

■ 19.1303, 18.2374,
21.0669

■ 21.1820, 21.6116,
23.9988

■ 23.4926, 25.4517,
27.1774

Harmonies

Analogous

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



10.1563, 5.9679, 15.3176



11.1256, 5.9679, 6.8689



10.3448, 5.9679, 2.2429

Triad

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



11.1256, 5.9679, 6.8689



3.8733, 5.9679, 0.5061



3.7051, 5.9679, 23.5361

Complementary

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



11.1256, 5.9679, 6.8689



10.1245, 17.5031, 10.4361

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.



2.6736, 5.9679, 14.2277



11.1256, 5.9679, 6.8689



2.7513, 5.9679, 1.9467

Square

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



11.1256, 5.9679, 6.8689



5.8004, 5.9679, 0.0964



2.3762, 5.9679, 6.1408



5.5461, 5.9679, 28.1103

Rectangle

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



11.1256, 5.9679, 6.8689



9.0279, 5.9679, 0.9666



2.3762, 5.9679, 6.1408



3.2722, 5.9679, 20.6473

Sweetspot

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



11.1258, 5.9682, 6.8690



30.8472, 27.1228, 32.6244



7.6577, 3.8303, 22.5259



6.7537, 5.7959, 7.0467



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.1258, 5.9682, 6.8690



18.8195, 9.5288, 8.6953



10.0841, 5.6068, 1.2130



4.7567, 4.7224, 5.3312



10.0557, 5.0866, 4.8655



0.0385, 0.0191, 0.0360

Inverse Universe

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



11.1258, 5.9682, 6.8690



18.8195, 9.5288, 8.6953



12.6543, 18.1062, 25.0181



4.7567, 4.7224, 5.3312



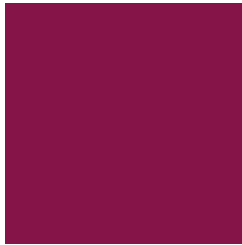
10.0557, 5.0866, 4.8655



0.0385, 0.0191, 0.0360

Previews

White Background



This preview shows how the XYZ color 11.1256, 5.9679, 6.8689 looks on a white background.

Color Contrast Check

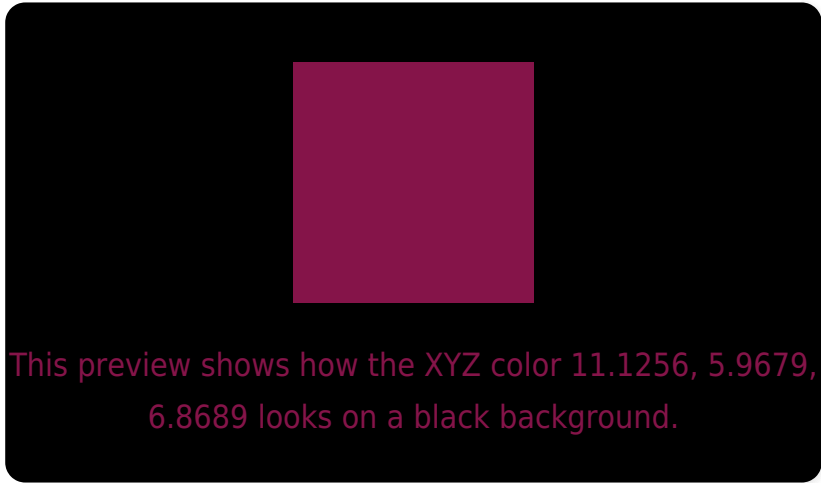
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1256, 5.9679, 6.8689

Background



This preview shows how black text looks on a background with the XYZ color 11.1256, 5.9679, 6.8689.



This preview shows how white text looks on a background with the XYZ color 11.1256, 5.9679,

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

11.1256, 5.9679, 6.8689

Protanopia

6.5129, 6.3317, 13.4493

Deuteranopia

6.3960, 6.3359, 6.3547



Tritanopia

10.2073, 6.0344, 2.2169

Trichromacy



Original Color

11.1256, 5.9679, 6.8689

Protanomaly

7.0468, 5.2376, 10.5371

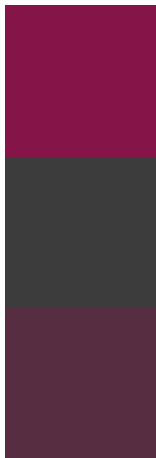
Deuteranomaly

7.4349, 5.4625, 6.4569

Tritanomaly

10.4854, 5.9578, 3.5031

Monochromacy



Original Color

11.1256, 5.9679, 6.8689

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

5.8230, 4.2847, 5.5211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1256, 5.9679, 6.8689 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(133, 20, 73)` looks like.

```
.text, #text, p{  
    color:rgb(133, 20, 73)  
}
```

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(133, 20, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 20, 73) }
```

Border

The CSS property to change the border of an element to XYZ 11.1256, 5.9679, 6.8689 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(133, 20, 73) }
```


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

```
.border{ border-color:rgb(133, 20, 73) }
```

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

Here you see how a box with a 4 pixel rgb(133, 20, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 20, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 20, 73);  
box-shadow:4px 4px 4px 4px rgb(133, 20,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1256, 5.9679, 6.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 20, 73) }
```

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

```
.background{ background-color: rgb(133, 20,  
73) }
```

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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