

Converting Colors

XYZ(23.8708, 18.3389, 29.0697)

Have a look what the booklet for
XYZ(23.8708, 18.3389, 29.0697)
contains.

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Color

**XYZ(23.8708, 18.3389,
29.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6391
RGB	159, 99, 145
RGB Percent	62%, 39%, 57%
CMY	0.3765, 0.6118, 0.4314
CMYK	0.00, 0.38, 0.09, 0.38
HSL	314°, 24%, 51%
HSV	314°, 38%, 62%
XYZ	23.8708, 18.3389, 29.0697
YIQ	122.1840, 20.9940, 27.0260

Conversions

Conversions Part 2

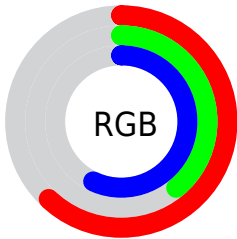
Format	Color
R _Y B	159, 99, 145
Decimal	10445713
CIE Lab	49.90, 31.39, -15.15
CIE LCh	50, 34.856, 334.230
Yxy	18.3389, 0.3349, 0.2573
Android (android.graphics.Color)	4288635793 (0xFF9F6391)
YUV	122.1840, 11.2483, 32.2876
Hunter-Lab	42.8239, 24.5571, -10.2704

Details

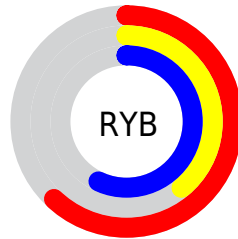
The XYZ color **23.8708, 18.3389, 29.0697** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.5252, 28.6419, 20.0706**, and the grayscale version is **18.5188, 19.4832, 21.2172**.

A 20% lighter version of the original color is **49.3997, 40.7038, 59.2858**, and **9.1048, 6.1535, 11.2975** is the 20% darker color. If you saturate the color by 10%, you get **22.2288, 15.5051, 27.1339**, and if you desaturate by 10%, it is **25.8198, 21.7712, 31.1543**.

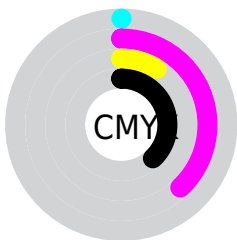
Distribution



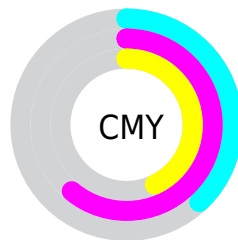
- Red (62%)
- Green (39%)
- Blue (57%)



- Red (62%)
- Yellow (39%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (9%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8708, 18.3389, 29.0697 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 23.8708, 18.3389, 29.0697 by changing the saturation by 10% instead.

■ 23.8708, 18.3389,
29.0697

■ 23.8708, 18.3389,
29.0697

264.6192,
242.7744, 311.6149

■ 15.3620, 11.1936,
18.8875

■ 49.2755, 40.6140,
59.2313

■ 9.1618, 6.1972,
11.4130

■ 66.9021, 56.5125,
80.0478

■ 4.9048, 2.9654,
6.2277

■ 88.2987, 76.0975,
105.2462

■ 2.2257, 1.1137,
2.9130

■ 113.8307, 99.7535,
135.2450

■ 0.7562, 0.0000,
1.0504

143.8634,
127.8648, 170.4627

■ 0.0000, 0.0000,
0.0000

178.7622,

160.8157, 211.3179

218.8923,
198.9908, 258.2291

■ 23.8708, 18.3389,
29.0697

■ 23.8708, 18.3389,
29.0697

■ 22.2288, 15.5051,
27.1339

■ 25.8198, 21.7712,
31.1543

■ 20.8747, 13.2324,
25.3395

■ 28.0903, 25.8318,
33.3925

■ 19.7894, 11.4829,
23.6800

■ 30.6979, 30.5512,
35.7900

■ 18.9512, 10.2130,
22.1477

■ 33.6566, 35.9575,
38.3519

■ 18.3347, 9.3720,
20.7335

■ 36.9797, 42.0770,
41.0830

■ 17.8962, 8.8728,
19.4226

■ 40.6795, 48.9345,
43.9879

■ 17.8049, 8.7737,
19.1343

■ 44.7682, 56.5539,
47.0710

■ 49.2571, 64.9577,
50.3365

■ 54.1570, 74.1677,
53.7884

Harmonies

Analogous

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



21.2948, 18.3389, 39.3397



23.8708, 18.3389, 29.0697



24.6444, 18.3389, 18.6428

Triad

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



23.8708, 18.3389, 29.0697



16.9615, 18.3389, 6.6767



12.6456, 18.3389, 32.1911

Complementary

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



23.8708, 18.3389, 29.0697



20.5252, 28.6419, 20.0706

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.



11.7828, 18.3389, 21.3544



23.8708, 18.3389, 29.0697



14.0646, 18.3389, 8.3026

Square

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



23.8708, 18.3389, 29.0697



20.3715, 18.3389, 7.5701



12.2673, 18.3389, 12.9971



14.7872, 18.3389, 41.5088

Rectangle

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



23.8708, 18.3389, 29.0697



23.9607, 18.3389, 13.3360



12.2673, 18.3389, 12.9971



12.2098, 18.3389, 28.4988

Sweetspot

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



23.8714, 18.3397, 29.0701



53.2835, 51.6396, 62.5706



17.5307, 14.9385, 34.7609



11.8781, 11.3982, 13.9834



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.8714, 18.3397, 29.0701



40.3214, 28.6427, 49.2252



21.8552, 17.5333, 18.4529



6.8379, 6.7281, 7.9975



14.0792, 6.9362, 15.1999



0.2666, 0.1300, 0.3503

Inverse Universe

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



23.8714, 18.3397, 29.0701



40.3214, 28.6427, 49.2252



22.5024, 29.4328, 30.4824



6.8379, 6.7281, 7.9975



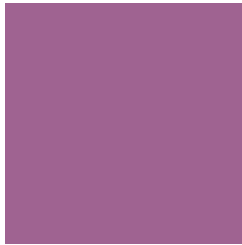
14.0792, 6.9362, 15.1999



0.2666, 0.1300, 0.3503

Previews

White Background



This preview shows how the XYZ color 23.8708, 18.3389, 29.0697 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 × Fail

Black Background



This preview shows how the XYZ color 23.8708, 18.3389, 29.0697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

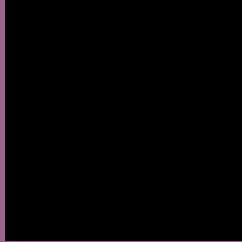
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8708, 18.3389, 29.0697

Background



This preview shows how black text looks on a background with the XYZ color 23.8708, 18.3389, 29.0697.



This preview shows how white text looks on a background with the XYZ color 23.8708, 18.3389,

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

23.8708, 18.3389, 29.0697

Protanopia

18.8343, 18.6136, 34.9479

Deuteranopia

18.7356, 18.3657, 28.1486



Tritanopia

21.5498, 18.2640, 18.0123

Trichromacy



Original Color

23.8708, 18.3389, 29.0697

Protanomaly

20.1866, 18.1808, 32.5823

Deuteranomaly

20.3654, 18.2034, 28.4268

Tritanomaly

22.2622, 18.2491, 21.7511

Monochromacy



Original Color

23.8708, 18.3389, 29.0697

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.0383, 18.7972, 23.6912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8708, 18.3389, 29.0697 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(159, 99, 145)` looks like.

```
.text, #text, p{  
    color:rgb(159, 99, 145)  
}
```

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(159, 99, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 99, 145) }
```

Border

The CSS property to change the border of an element to XYZ 23.8708, 18.3389, 29.0697 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(159, 99, 145) }
```


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

```
.border{ border-color:rgb(159, 99, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 99, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 99, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 99, 145);  
box-shadow:4px 4px 4px 4px rgb(159, 99,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8708, 18.3389, 29.0697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 99, 145) }
```

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

```
.background{ background-color: rgb(159, 99,  
145) }
```

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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