

Converting Colors

XYZ(28.0642, 23.8229, 39.4131)

Have a look what the booklet for
XYZ(28.0642, 23.8229, 39.4131)
contains.

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Color

**XYZ(28.0184, 23.7988,
39.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	9F79A6
RGB	159, 121, 166
RGB Percent	62%, 47%, 65%
CMY	0.3765, 0.5255, 0.3490
CMYK	0.04, 0.27, 0.00, 0.35
HSL	291°, 20%, 56%
HSV	291°, 27%, 65%
XYZ	28.0184, 23.7988, 39.1933
YIQ	137.4920, 8.2030, 22.0510

Conversions

Conversions Part 2

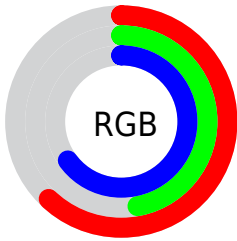
Format	Color
R_{YB}	159, 121, 166
Decimal	10451366
CIE _{Lab}	55.89, 22.91, -18.33
CIE _{LCh}	56, 29.342, 321.342
Yxy	23.7988, 0.3079, 0.2615
Android (android.graphics.Color)	4288641446 (0xFF9F79A6)
YUV	137.4920, 14.0544, 18.8625
Hunter-Lab	48.7840, 17.1469, -13.4850

Details

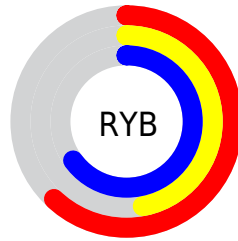
The XYZ color **28.0184, 23.7988, 39.1933** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.9902, 33.2427, 23.1369**, and the grayscale version is **23.9109, 25.1562, 27.3951**.

A 20% lighter version of the original color is **55.9188, 49.7887, 75.0696**, and **11.4180, 8.9754, 17.0502** is the 20% darker color. If you saturate the color by 10%, you get **25.6656, 19.8450, 38.5545**, and if you desaturate by 10%, it is **30.7305, 28.4544, 39.9493**.

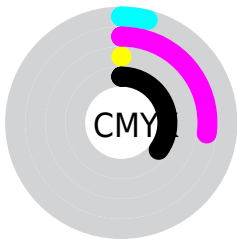
Distribution



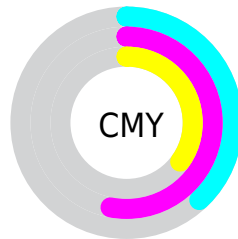
- Red (62%)
- Green (47%)
- Blue (65%)



- Red (62%)
- Yellow (47%)
- Blue (65%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (35%)





- Cyan (38%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0184, 23.7988, 39.1933 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 28.0184, 23.7988, 39.1933 by changing the saturation by 10% instead.


 28.0184, 23.7988,
39.1933


 28.0184, 23.7988,
39.1933


284.6333,
271.8017, 358.1621


 18.4801, 15.1844,
26.6011


 55.9223, 49.7017,
75.1571

 11.3970, 8.9489,
17.0441


 75.0185, 67.7590,
99.3659

 6.4038, 4.7079,
10.1037


 98.0314, 89.7327,
128.2839

 3.1351, 2.0769,
5.3612

125.3263,
116.0073, 162.3297

 1.2256, 0.6516,
2.3983

157.2686,
146.9671, 201.9219

 0.1264, 0.0000,
0.7855

194.2236,

 0.0000, 0.0000,

182.9965, 247.4790

0.0000

236.5567,
224.4799, 299.4196

■ 28.0184, 23.7988,
39.1933

■ 28.0184, 23.7988,
39.1933

■ 25.6656, 19.8450,
38.5545

■ 30.7305, 28.4544,
39.9493

■ 23.6521, 16.5544,
38.0255

■ 33.8163, 33.8418,
40.8266

■ 21.9591, 13.8893,
37.6003

■ 37.2919, 39.9929,
41.8307

■ 20.5653, 11.8069,
37.2718

■ 41.1721, 46.9369,
42.9665

■ 19.4465, 10.2589,
37.0320

■ 45.4707, 54.7014,
44.2386

■ 18.5746, 9.1896,
36.8715

■ 50.2008, 63.3126,
45.6515

■ 17.9072, 8.5138,
36.7763

■ 55.3751, 72.7957,
47.2092

■ 17.7285, 8.3443,
36.7530

■ 61.0055, 83.1748,
48.9158

■ 61.9912, 84.2476,
49.0709

Harmonies

Analogous

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



25.0403, 23.7988, 47.1126



28.0184, 23.7988, 39.1933



29.5863, 23.7988, 28.7832

Triad

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



28.0184, 23.7988, 39.1933



23.6013, 23.7988, 11.6446



17.1470, 23.7988, 33.2044

Complementary

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



28.0184, 23.7988, 39.1933



25.9902, 33.2427, 23.1369

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.



16.8433, 23.7988, 23.2399



28.0184, 23.7988, 39.1933



20.3610, 23.7988, 12.2730

Square

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



28.0184, 23.7988, 39.1933



26.8764, 23.7988, 14.0345



17.9639, 23.7988, 16.0327



18.8386, 23.7988, 43.1050

Rectangle

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



28.0184, 23.7988, 39.1933



29.5238, 23.7988, 22.4593



17.9639, 23.7988, 16.0327



16.8863, 23.7988, 29.7034

Sweetspot

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



28.0192, 23.7998, 39.1938



60.7567, 60.3366, 73.9192



22.5535, 22.3882, 39.2094



13.4051, 13.1669, 16.4871



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.0192, 23.7998, 39.1938



48.0007, 38.3837, 70.3542



28.1499, 24.0170, 32.4309



7.7256, 7.6067, 9.4794



13.7794, 6.4870, 28.5013



0.3651, 0.1732, 0.6948

Inverse Universe

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



26.4603, 23.3412, 23.5336



44.7307, 37.4444, 36.4773



25.9661, 33.1155, 28.3168



7.5769, 7.5606, 8.0893



12.3494, 6.3485, 1.3854



0.3141, 0.1599, 0.1054

Previews

White Background



This preview shows how the XYZ color 28.0184, 23.7988, 39.1933 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.0184, 23.7988, 39.1933 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 28.0184, 23.7988, 39.1933

Background



This preview shows how black text looks on a background with the XYZ color 28.0184, 23.7988, 39.1933.



This preview shows how white text looks on a background with the XYZ color 28.0184, 23.7988,

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

28.0184, 23.7988, 39.1933

Protanopia

24.1959, 24.0420, 43.4097

Deuteranopia

24.3329, 23.8185, 38.4369



Tritanopia

25.5509, 23.9249, 26.5638

Trichromacy



Original Color

28.0184, 23.7988, 39.1933

Protanomaly

25.3543, 23.8750, 41.8001

Deuteranomaly

25.5362, 23.6461, 38.8156

Tritanomaly

26.3104, 23.8417, 30.8190

Monochromacy



Original Color

28.0184, 23.7988, 39.1933

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1386, 24.3905, 31.3999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0184, 23.7988, 39.1933 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, 121, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 121, 166)  
}
```

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, 121, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 121, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.0184, 23.7988, 39.1933 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, 121, 166) }
```


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

```
.border{ border-color:rgb(159, 121, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 121, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 121, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 121, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 121,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0184, 23.7988, 39.1933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 121, 166) }
```

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

```
.background{ background-color: rgb(159,  
121, 166) }
```

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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