

Converting Colors

XYZ(27.7813, 23.2960, 38.7177)

Have a look what the booklet for
XYZ(27.7813, 23.2960, 38.7177)
contains.

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Color

**XYZ(27.8856, 23.3838,
38.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	A077A5
RGB	160, 119, 165
RGB Percent	63%, 47%, 65%
CMY	0.3725, 0.5333, 0.3529
CMYK	0.03, 0.28, 0.00, 0.35
HSL	293°, 20%, 56%
HSV	293°, 28%, 65%
XYZ	27.8856, 23.3838, 38.6411
YIQ	136.5030, 9.6700, 22.9980

Conversions

Conversions Part 2

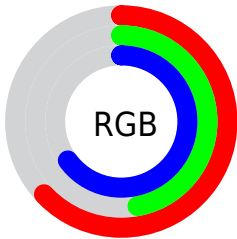
Format	Color
RYB	160, 119, 165
Decimal	10516389
CIELab	55.47, 24.20, -18.38
CIELCh	55, 30.389, 322.777
Yxy	23.3838, 0.3101, 0.2601
Android (android.graphics.Color)	4288706469 (0xFFA077A5)
YUV	136.5030, 14.0490, 20.6069
Hunter-Lab	48.3568, 18.3100, -13.5279

Details

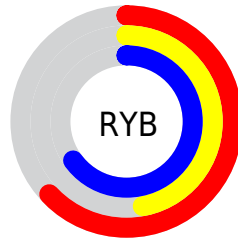
The XYZ color **27.8856, 23.3838, 38.6411** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.0978, 32.5278, 22.4095**, and the grayscale version is **23.5374, 24.7631, 26.9671**.

A 20% lighter version of the original color is **55.6951, 49.1194, 74.2557**, and **11.3551, 8.7607, 16.7153** is the 20% darker color. If you saturate the color by 10%, you get **25.7341, 19.6088, 38.0262**, and if you desaturate by 10%, it is **30.3846, 27.8453, 39.3709**.

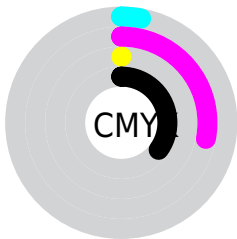
Distribution



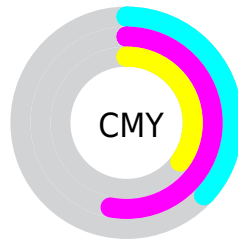
- Red (63%)
- Green (47%)
- Blue (65%)



- Red (63%)
- Yellow (47%)
- Blue (65%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)





- Cyan (37%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8856, 23.3838, 38.6411 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 27.8856, 23.3838, 38.6411 by changing the saturation by 10% instead.


 27.8856, 23.3838,
38.6411


 27.8856, 23.3838,
38.6411


284.0099,
269.6902, 355.7425


 18.3795, 14.8772,
26.1750


 55.7117, 49.0228,
74.3040

 11.3241, 8.7332,
16.7276


 74.7623, 66.9239,
98.3379

 6.3542, 4.5676,
9.8806


 97.7251, 88.7253,
127.0647

 3.1043, 1.9959,
5.2153

124.9655,
114.8113, 160.9030

 1.2092, 0.6051,
2.3132

156.8489,
145.5664, 200.2715

 0.1136, 0.0000,
0.7386

193.7404,

 0.0000, 0.0000,

181.3750, 245.5885

0.0000

236.0057,
222.6215, 297.2726

■ 27.8856, 23.3838,
38.6411

■ 27.8856, 23.3838,
38.6411

■ 25.7341, 19.6088,
38.0262

■ 30.3846, 27.8453,
39.3709

■ 23.9104, 16.4821,
37.5188

■ 33.2454, 33.0230,
40.2195

■ 22.3959, 13.9662,
37.1130

■ 36.4839, 38.9485,
41.1926

■ 21.1694, 12.0187,
36.8018

■ 40.1146, 45.6506,
42.2948

■ 20.2069, 10.5917,
36.5770

■ 44.1511, 53.1566,
43.5309

■ 19.4804, 9.6294,
36.4296

■ 48.6066, 61.4925,
44.9051

■ 18.9429, 9.0373,
36.3436

■ 53.4933, 70.6831,
46.4215

■ 18.8364, 8.9260,
36.3277

■ 58.8231, 80.7520,
48.0841

■ 60.4880, 83.4832,
48.5235

Harmonies

Analogous

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



24.8707, 23.3838, 47.0791



27.8856, 23.3838, 38.6411



29.4106, 23.3838, 27.9037

Triad

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



27.8856, 23.3838, 38.6411



23.0629, 23.3838, 10.9720



16.6957, 23.3838, 33.4727

Complementary

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



27.8856, 23.3838, 38.6411



25.0978, 32.5278, 22.4095

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.



16.3179, 23.3838, 23.1652



27.8856, 23.3838, 38.6411



19.7751, 23.3838, 11.7422

Square

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



27.8856, 23.3838, 38.6411



26.4467, 23.3838, 13.2135



17.3885, 23.3838, 15.6810



18.4793, 23.3838, 43.6003

Rectangle

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



27.8856, 23.3838, 38.6411



29.2774, 23.3838, 21.5179



17.3885, 23.3838, 15.6810



16.4081, 23.3838, 29.8586

Sweetspot

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



27.8863, 23.3848, 38.6416



59.3928, 58.8741, 71.9858



21.6539, 21.1469, 38.5381



12.8139, 12.5610, 15.6867



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.8863, 23.3848, 38.6416



47.6605, 37.8609, 68.5482



27.4098, 23.3120, 30.8106



7.2882, 7.1629, 8.9015



14.2754, 6.7657, 27.4833



0.3201, 0.1526, 0.5784

Inverse Universe

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



25.7527, 22.6491, 22.0840



43.2916, 36.3666, 34.0995



25.5527, 32.6284, 28.4812



7.1036, 7.0979, 7.5321



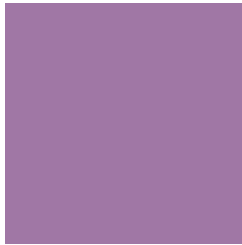
11.8308, 6.0884, 1.0339



0.2573, 0.1314, 0.0675

Previews

White Background



This preview shows how the XYZ color 27.8856, 23.3838, 38.6411 looks on a white background.

Color Contrast Check

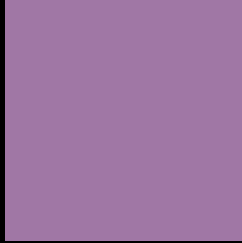
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8856, 23.3838, 38.6411 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 27.8856, 23.3838, 38.6411

Background



This preview shows how black text looks on a background with the XYZ color 27.8856, 23.3838, 38.6411.



This preview shows how white text looks on a background with the XYZ color 27.8856, 23.3838,

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

27.8856, 23.3838, 38.6411

Protanopia

23.9173, 23.6961, 43.3576

Deuteranopia

23.9536, 23.4349, 37.9112



Tritanopia

25.3470, 23.4564, 25.7459

Trichromacy



Original Color

27.8856, 23.3838, 38.6411

Protanomaly

25.0934, 23.3533, 41.7131

Deuteranomaly

25.3170, 23.3528, 38.2952

Tritanomaly

26.0984, 23.3784, 29.9250

Monochromacy



Original Color

27.8856, 23.3838, 38.6411

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.9261, 24.0916, 30.9402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8856, 23.3838, 38.6411 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(160, 119, 165)` looks like.

```
.text, #text, p{  
    color:rgb(160, 119, 165)  
}
```

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(160, 119, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 119, 165) }
```

Border

The CSS property to change the border of an element to XYZ 27.8856, 23.3838, 38.6411 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(160, 119, 165) }
```


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

```
.border{ border-color:rgb(160, 119, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 119, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 119, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 119, 165);  
box-shadow:4px 4px 4px 4px rgb(160, 119,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8856, 23.3838, 38.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 119, 165) }
```

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

```
.background{ background-color: rgb(160,  
119, 165) }
```

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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