

Converting Colors

XYZ(28.2045, 23.3773, 38.3335)

Have a look what the booklet for
XYZ(28.2045, 23.3773, 38.3335)
contains.

XYZ(28.0796, 23.3186, 38.1429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0796, 23.3186,
38.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	A276A4
RGB	162, 118, 164
RGB Percent	64%, 46%, 64%
CMY	0.3647, 0.5372, 0.3569
CMYK	0.01, 0.28, 0.00, 0.36
HSL	297°, 20%, 55%
HSV	297°, 28%, 64%
XYZ	28.0796, 23.3186, 38.1429
YIQ	136.4000, 11.4580, 23.6340

Conversions

Conversions Part 2

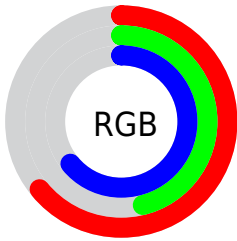
Format	Color
R _{YB}	162, 118, 164
Decimal	10647204
CIE _{Lab}	55.40, 25.25, -17.89
CIE _{LCh}	55, 30.946, 324.691
Y _{xy}	23.3186, 0.3136, 0.2604
Android (android.graphics.Color)	4288837284 (0xFFA276A4)
YUV	136.4000, 13.6068, 22.4512
Hunter-Lab	48.2893, 19.2890, -13.0296

Details

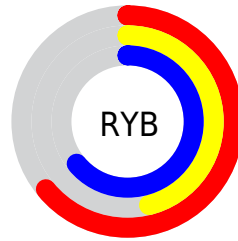
The XYZ color **28.0796, 23.3186, 38.1429** is a light color, and the websafe version is hex **996699**. A complement of this color would be **24.2919, 31.8525, 22.0085**, and the grayscale version is **23.4999, 24.7237, 26.9241**.

A 20% lighter version of the original color is **55.9644, 48.9920, 73.5246**, and **11.4832, 8.7411, 16.4112** is the 20% darker color. If you saturate the color by 10%, you get **26.1696, 19.7125, 37.5479**, and if you desaturate by 10%, it is **30.3277, 27.5988, 38.8509**.

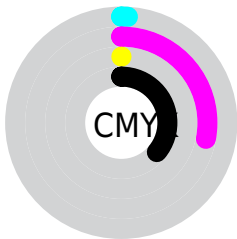
Distribution



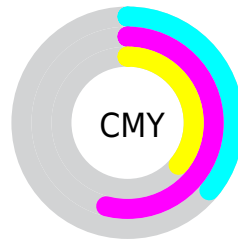
- Red (64%)
- Green (46%)
- Blue (64%)



- Red (64%)
- Yellow (46%)
- Blue (64%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)





- Cyan (36%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0796, 23.3186, 38.1429 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 28.0796, 23.3186, 38.1429 by changing the saturation by 10% instead.


 28.0796, 23.3186,
38.1429


 28.0796, 23.3186,
38.1429


284.9203,
269.3572, 353.5491


 18.5264, 14.8289,
25.7909


 56.0193, 48.9159,
73.5330

 11.4306, 8.6994,
16.4429


 75.1365, 66.7924,
97.4081

 6.4266, 4.5456,
9.6804


 98.1724, 88.5666,
125.9615

 3.1493, 1.9832,
5.0847

125.4924,
114.6229, 159.6115

 1.2332, 0.5977,
2.2375

157.4618,
145.3457, 198.7767

 0.1323, 0.0000,
0.6959

194.4460,

 0.0000, 0.0000,

181.1194, 243.8757

0.0000

236.8104,
222.3285, 295.3270

■ 28.0796, 23.3186,
38.1429

■ 28.0796, 23.3186,
38.1429

■ 26.1696, 19.7125,
37.5479

■ 30.3277, 27.5988,
38.8509

■ 24.5780, 16.7425,
37.0585

■ 32.9278, 32.5822,
39.6758

■ 23.2868, 14.3719,
36.6690

■ 35.8957, 38.3000,
40.6230

■ 22.2748, 12.5588,
36.3723

■ 39.2456, 44.7806,
41.6973

■ 21.5186, 11.2558,
36.1607

■ 42.9911, 52.0509,
42.9032

■ 20.9905, 10.4080,
36.0249

■ 47.1447, 60.1365,
44.2450

■ 20.6425, 9.9192,
35.9489

■ 51.7189, 69.0619,
45.7267

■ 20.5806, 9.8356,
35.9360

■ 56.7252, 78.8504,
47.3522

■ 58.6982, 82.5710,
47.9663

Harmonies

Analogous

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



25.0755, 23.3186, 47.0632



28.0796, 23.3186, 38.1429



29.5096, 23.3186, 27.2030

Triad

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



28.0796, 23.3186, 38.1429



22.7880, 23.3186, 10.6983



16.6271, 23.3186, 34.2580

Complementary

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



28.0796, 23.3186, 38.1429



24.2919, 31.8525, 22.0085

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.



16.1507, 23.3186, 23.6593



28.0796, 23.3186, 38.1429



19.4864, 23.3186, 11.6638

Square

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



28.0796, 23.3186, 38.1429



26.2569, 23.3186, 12.7506



17.1431, 23.3186, 15.8530



18.5196, 23.3186, 44.4403

Rectangle

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



28.0796, 23.3186, 38.1429



29.2804, 23.3186, 20.8368



17.1431, 23.3186, 15.8530



16.3050, 23.3186, 30.5623

Sweetspot

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



28.0803, 23.3196, 38.1434



59.7168, 59.0411, 72.0010



20.9256, 20.0382, 37.8871



12.8972, 12.6039, 15.6906



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.



28.0803, 23.3196, 38.1434



48.6168, 37.8789, 68.5013



26.7697, 22.8427, 29.1049



7.3338, 7.1864, 8.9037



15.7907, 7.5469, 27.5542



0.3405, 0.1630, 0.5794

Inverse Universe

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



25.1792, 22.2065, 20.7294



42.4450, 35.5160, 31.2196



25.3858, 32.2583, 29.2007



7.0857, 7.0907, 7.4375



11.7734, 6.0654, 0.7316



0.2509, 0.1289, 0.0339

Previews

White Background



This preview shows how the XYZ color 28.0796, 23.3186, 38.1429 looks on a white background.

Color Contrast Check

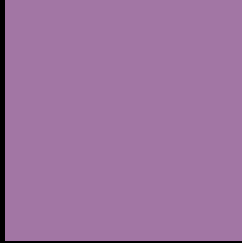
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0796, 23.3186, 38.1429 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 28.0796, 23.3186, 38.1429

Background



This preview shows how black text looks on a background with the XYZ color 28.0796, 23.3186, 38.1429.



This preview shows how white text looks on a background with the XYZ color 28.0796, 23.3186,

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

28.0796, 23.3186, 38.1429

Protanopia

23.7823, 23.4262, 43.3126

Deuteranopia

23.8643, 23.3992, 37.4411



Tritanopia

25.5418, 23.3779, 25.3565

Trichromacy



Original Color

28.0796, 23.3186, 38.1429

Protanomaly

25.0331, 23.1424, 41.1777

Deuteranomaly

25.2270, 23.3168, 37.8213

Tritanomaly

26.2917, 23.3036, 29.4979

Monochromacy



Original Color

28.0796, 23.3186, 38.1429

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.7156, 23.7956, 30.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0796, 23.3186, 38.1429 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(162, 118, 164)` looks like.

```
.text, #text, p{  
    color:rgb(162, 118, 164)  
}
```

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(162, 118, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 118, 164) }
```

Border

The CSS property to change the border of an element to XYZ 28.0796, 23.3186, 38.1429 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(162, 118, 164) }
```


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

```
.border{ border-color:rgb(162, 118, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 118, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 118, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 118, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 118,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0796, 23.3186, 38.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 118, 164) }
```

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

```
.background{ background-color: rgb(162,  
118, 164) }
```

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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