

Converting Colors

XYZ(28.3610, 24.2384, 38.8966)

Have a look what the booklet for
XYZ(28.3610, 24.2384, 38.8966)
contains.

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Color

**XYZ(28.2483, 24.1093,
38.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	A07AA5
RGB	160, 122, 165
RGB Percent	63%, 48%, 65%
CMY	0.3725, 0.5216, 0.3529
CMYK	0.03, 0.26, 0.00, 0.35
HSL	293°, 19%, 56%
HSV	293°, 26%, 65%
XYZ	28.2483, 24.1093, 38.7620
YIQ	138.2640, 8.8450, 21.4290

Conversions

Conversions Part 2

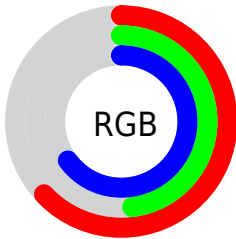
Format	Color
RYB	160, 122, 165
Decimal	10517157
CIELab	56.20, 22.48, -17.27
CIELCh	56, 28.346, 322.468
Yxy	24.1093, 0.3100, 0.2646
Android (android.graphics.Color)	4288707237 (0xFFA07AA5)
YUV	138.2640, 13.1808, 19.0625
Hunter-Lab	49.1012, 16.7652, -12.4345

Details

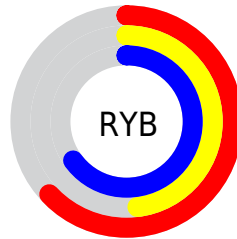
The XYZ color **28.2483, 24.1093, 38.7620** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.7212, 32.8280, 23.3944**, and the grayscale version is **24.2078, 25.4685, 27.7352**.

A 20% lighter version of the original color is **56.2726, 50.2743, 74.4482**, and **11.5475, 9.1455, 16.7794** is the 20% darker color. If you saturate the color by 10%, you get **26.0115, 20.2002, 38.1257**, and if you desaturate by 10%, it is **30.8365, 28.7115, 39.5143**.

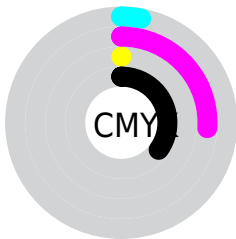
Distribution



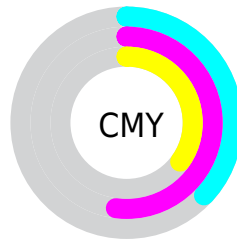
- Red (63%)
- Green (48%)
- Blue (65%)



- Red (63%)
- Yellow (48%)
- Blue (65%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (52%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2483, 24.1093, 38.7620 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 28.2483, 24.1093, 38.7620 by changing the saturation by 10% instead.

■ 28.2483, 24.1093,
38.7620

■ 28.2483, 24.1093,
38.7620

285.7101,
273.3726, 356.2733

■ 18.6543, 15.4147,
26.2682

■ 56.2865, 50.2085,
74.4909

■ 11.5233, 9.1110,
16.7968

■ 75.4614, 68.3819,
98.5632

■ 6.4898, 4.8136,
9.9293

■ 98.5607, 90.4837,
127.3319

■ 3.1886, 2.1383,
5.2471

125.9497,
116.8983, 161.2158

■ 1.2543, 0.6861,
2.3317

157.9938,
148.0101, 200.6334

■ 0.1486, 0.0000,
0.7489

195.0583,

■ 0.0000, 0.0000,

184.2035, 246.0031

0.0000

237.5087,
225.8629, 297.7435

■ 28.2483, 24.1093,
38.7620

■ 28.2483, 24.1093,
38.7620

■ 26.0115, 20.2002,
38.1257

■ 30.8365, 28.7115,
39.5143

■ 24.1064, 16.9463,
37.5981

■ 33.7901, 34.0359,
40.3863

■ 22.5149, 14.3109,
37.1733

■ 37.1248, 40.1140,
41.3837

■ 21.2162, 12.2523,
36.8444

■ 40.8551, 46.9740,
42.5112

■ 20.1868, 10.7238,
36.6036

■ 44.9944, 54.6433,
43.7734

■ 19.3997, 9.6713,
36.4419

■ 49.5556, 63.1473,
45.1744

■ 18.8181, 9.0213,
36.3471

■ 54.5510, 72.5109,
46.7185

■ 18.6129, 8.8107,
36.3173

■ 59.9925, 82.7574,
48.4095

■ 60.7442, 83.6152,
48.5354

Harmonies

Analogous

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



25.3925, 24.1093, 46.5554



28.2483, 24.1093, 38.7620



29.7005, 24.1093, 28.6726

Triad

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



28.2483, 24.1093, 38.7620



23.7458, 24.1093, 12.1836



17.6020, 24.1093, 33.7184

Complementary

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



28.2483, 24.1093, 38.7620



25.7212, 32.8280, 23.3944

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.



17.2510, 24.1093, 23.9696



28.2483, 24.1093, 38.7620



20.6044, 24.1093, 12.9213

Square

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



28.2483, 24.1093, 38.7620



26.9456, 24.1093, 14.4429



18.2994, 24.1093, 16.7712



19.3081, 24.1093, 43.1954

Rectangle

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



28.2483, 24.1093, 38.7620



29.5894, 24.1093, 22.5664



18.2994, 24.1093, 16.7712



17.3286, 24.1093, 30.3162

Sweetspot

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



28.2491, 24.1103, 38.7625



59.3552, 58.8548, 71.9841



22.4101, 22.0384, 38.6703



12.8043, 12.5560, 15.6862



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.



28.2491, 24.1103, 38.7625



48.3083, 39.1723, 68.7672



27.8636, 24.0740, 31.4108



7.2829, 7.1602, 8.9013



14.1078, 6.6793, 27.4755



0.3178, 0.1514, 0.5783

Inverse Universe

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



26.3082, 23.4518, 23.2198



44.3083, 37.8268, 36.2053



26.1045, 32.8975, 29.2036



7.1057, 7.0987, 7.5431



11.8392, 6.0917, 1.0781



0.2580, 0.1317, 0.0714

Previews

White Background



This preview shows how the XYZ color 28.2483, 24.1093, 38.7620 looks on a white background.

Color Contrast Check

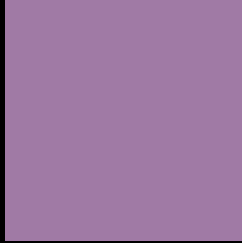
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2483, 24.1093, 38.7620 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 28.2483, 24.1093, 38.7620

Background



This preview shows how black text looks on a background with the XYZ color 28.2483, 24.1093, 38.7620.



This preview shows how white text looks on a background with the XYZ color 28.2483, 24.1093,

38.7620.

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

28.2483, 24.1093, 38.7620

Protanopia

24.3878, 24.1522, 42.9116

Deuteranopia

24.6936, 24.2152, 38.0228



Tritanopia

25.8150, 24.0528, 26.9490

Trichromacy



Original Color

28.2483, 24.1093, 38.7620

Protanomaly

25.5872, 24.0061, 41.3153

Deuteranomaly

25.7477, 23.9583, 38.3893

Tritanomaly

26.5047, 23.9419, 30.8281

Monochromacy



Original Color

28.2483, 24.1093, 38.7620

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4506, 24.7516, 31.4531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2483, 24.1093, 38.7620 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, 122, 165)` looks like.

```
.text, #text, p{  
    color:rgb(160, 122, 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, 122, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 122, 165) }
```

Border

The CSS property to change the border of an element to XYZ 28.2483, 24.1093, 38.7620 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, 122, 165) }
```


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

```
.border{ border-color:rgb(160, 122, 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, 122, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 122, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 122, 165);  
box-shadow:4px 4px 4px 4px rgb(160, 122,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2483, 24.1093, 38.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 122, 165) }
```

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

```
.background{ background-color: rgb(160,  
122, 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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