

Converting Colors

XYZ(28.9054, 26.2759, 35.2203)

Have a look what the booklet for
XYZ(28.9054, 26.2759, 35.2203)
contains.

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Color

**XYZ(28.8150, 26.2100,
34.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	A1839C
RGB	161, 131, 156
RGB Percent	63%, 51%, 61%
CMY	0.3686, 0.4863, 0.3882
CMYK	0.00, 0.19, 0.03, 0.37
HSL	310°, 14%, 57%
HSV	310°, 19%, 63%
XYZ	28.8150, 26.2100, 34.9928
YIQ	142.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

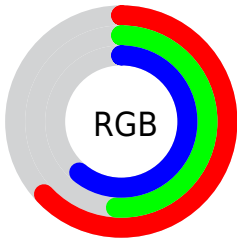
Format	Color
RYB	161, 131, 156
Decimal	10584988
CIELab	58.24, 15.91, -9.00
CIELCh	58, 18.278, 330.496
Yxy	26.2100, 0.3201, 0.2912
Android (android.graphics.Color)	4288775068 (0xFFFA1839C)
YUV	142.8200, 6.4977, 15.9439
Hunter-Lab	51.1957, 10.8745, -4.6883

Details

The XYZ color **28.8150, 26.2100, 34.9928** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.5499, 32.0934, 28.0894**, and the grayscale version is **26.0095, 27.3640, 29.7994**.

A 20% lighter version of the original color is **57.0923, 53.5331, 68.2966**, and **11.7989, 10.1560, 14.7030** is the 20% darker color. If you saturate the color by 10%, you get **26.5939, 22.1271, 33.1438**, and if you desaturate by 10%, it is **31.3787, 30.9692, 36.9814**.

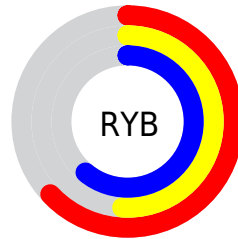
Distribution



Red (63%)

Green (51%)

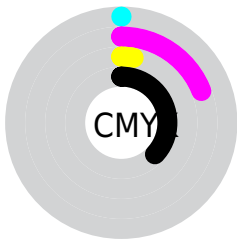
Blue (61%)



Red (63%)

Yellow (51%)

Blue (61%)

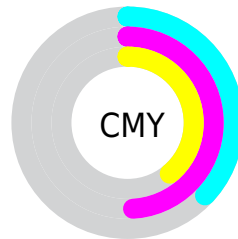


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (37%)



Cyan (37%)

Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8150, 26.2100, 34.9928 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 28.8150, 26.2100, 34.9928 by changing the saturation by 10% instead.

■ 28.8150, 26.2100,
34.9928

■ 28.8150, 26.2100,
34.9928

288.3510,
283.8114, 339.4398

■ 19.0845, 16.9808,
23.3738

■ 57.1826, 53.6135,
68.6261

■ 11.8357, 10.2208,
14.6619

■ 76.5505, 72.5567,
91.4774

■ 6.7033, 5.5456,
8.4385

■ 99.8614, 95.5066,
118.9100

■ 3.3219, 2.5708,
4.2850

127.4809,
122.8476, 151.3423

■ 1.3262, 0.9120,
1.7830

159.7743,
154.9643, 189.1929

■ 0.2027, 0.0000,
0.4167

197.1068,

■ 0.0000, 0.0000,

192.2408, 232.8803

0.0000

239.8440,
235.0618, 282.8231

■ 28.8150, 26.2100,
34.9928

■ 28.8150, 26.2100,
34.9928

■ 26.5939, 22.1271,
33.1438

■ 31.3787, 30.9692,
36.9814

■ 24.6976, 18.6862,
31.4274

■ 34.2971, 36.4303,
39.1128

■ 23.1101, 15.8550,
29.8384

■ 37.5848, 42.6217,
41.3924

■ 21.8132, 13.5971,
28.3706

■ 41.2546, 49.5691,
43.8246

■ 20.7867, 11.8722,
27.0171

■ 45.3188, 57.2971,
46.4137

■ 20.0079, 10.6349,
25.7701

■ 49.7891, 65.8291,
49.1637

■ 19.4502, 9.8320,
24.6205

■ 54.6769, 75.1876,
52.0785

■ 19.0623, 9.3611,
23.5513

■ 58.4409, 82.2903,
54.6446

■ 19.0127, 9.3030,
23.4079

■ 58.7120, 82.3987,
56.0723

Harmonies

Analogous

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



27.1417, 26.2100, 40.4225



28.8150, 26.2100, 34.9928



29.4291, 26.2100, 28.4325

Triad

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



28.8150, 26.2100, 34.9928



24.8749, 26.2100, 17.9753



21.4114, 26.2100, 35.2032

Complementary

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



28.8150, 26.2100, 34.9928



26.5499, 32.0934, 28.0894

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.



20.8822, 26.2100, 28.6442



28.8150, 26.2100, 34.9928



22.8076, 26.2100, 19.2465

Square

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



28.8150, 26.2100, 34.9928



27.0739, 26.2100, 19.1653



21.3781, 26.2100, 22.9306



22.8680, 26.2100, 40.5562

Rectangle

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



28.8150, 26.2100, 34.9928



29.1284, 26.2100, 24.4678



21.3781, 26.2100, 22.9306



21.1232, 26.2100, 33.0367

Sweetspot

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



28.8158, 26.2111, 34.9934



57.4515, 57.8056, 67.1667



24.7038, 24.0414, 37.0571



12.5339, 12.5542, 14.6816



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.



28.8158, 26.2111, 34.9934



50.0309, 44.0365, 61.3882



27.6229, 25.7340, 28.7117



7.3134, 7.1818, 8.6367



15.1975, 7.4351, 18.7626



0.3320, 0.1613, 0.4609

Inverse Universe

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



28.8158, 26.2111, 34.9934



50.0309, 44.0365, 61.3882



27.6918, 32.5501, 34.1023



7.3134, 7.1818, 8.6367



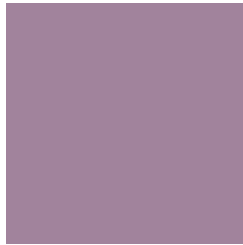
15.1975, 7.4351, 18.7626



0.3320, 0.1613, 0.4609

Previews

White Background



This preview shows how the XYZ color 28.8150, 26.2100, 34.9928 looks on a white background.

Color Contrast Check

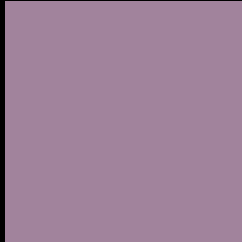
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8150, 26.2100, 34.9928 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 28.8150, 26.2100, 34.9928

Background



This preview shows how black text looks on a background with the XYZ color 28.8150, 26.2100, 34.9928.



This preview shows how white text looks on a background with the XYZ color 28.8150, 26.2100,

34.9928.

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

28.8150, 26.2100, 34.9928

Protanopia

25.8190, 26.2727, 37.4285

Deuteranopia

26.7532, 26.1779, 34.6531



Tritanopia

27.7196, 26.1596, 29.9739

Trichromacy



Original Color

28.8150, 26.2100, 34.9928

Protanomaly

26.7392, 26.1313, 36.4354

Deuteranomaly

27.3904, 26.0922, 34.6030

Tritanomaly

28.0938, 26.1142, 31.5768

Monochromacy



Original Color

28.8150, 26.2100, 34.9928

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1556, 27.0874, 31.8141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8150, 26.2100, 34.9928 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(161, 131, 156)` looks like.

```
.text, #text, p{  
    color:rgb(161, 131, 156)  
}
```

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(161, 131, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 131, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.8150, 26.2100, 34.9928 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(161, 131, 156) }
```


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

```
.border{ border-color:rgb(161, 131, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 131, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 131, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 131, 156);  
box-shadow:4px 4px 4px 4px rgb(161, 131,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8150, 26.2100, 34.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 131, 156) }
```

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

```
.background{ background-color: rgb(161,  
131, 156) }
```

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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