

Converting Colors

XYZ(28.6136, 25.5941, 37.9851)

Have a look what the booklet for
XYZ(28.6136, 25.5941, 37.9851)
contains.

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Color

**XYZ(28.7592, 25.7158,
38.0982)**

Conversions

Conversions Part 1

Format	Color
Hex	9F81A3
RGB	159, 129, 163
RGB Percent	62%, 51%, 64%
CMY	0.3765, 0.4941, 0.3608
CMYK	0.02, 0.21, 0.00, 0.36
HSL	293°, 16%, 57%
HSV	293°, 21%, 64%
XYZ	28.7592, 25.7158, 38.0982
YIQ	141.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

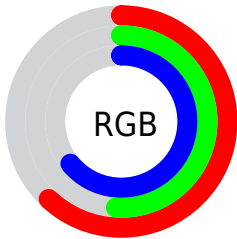
Format	Color
RYB	159, 129, 163
Decimal	10453411
CIELab	57.77, 17.71, -13.75
CIELCh	58, 22.424, 322.183
Yxy	25.7158, 0.3107, 0.2778
Android (android.graphics.Color)	4288643491 (0xFF9F81A3)
YUV	141.8460, 10.4289, 15.0441
Hunter-Lab	50.7107, 12.4875, -9.0461

Details

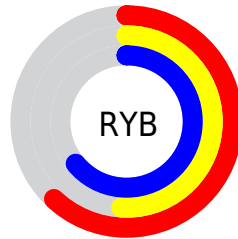
The XYZ color **28.7592, 25.7158, 38.0982** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.7334, 32.7666, 25.6857**, and the grayscale version is **25.6091, 26.9428, 29.3407**.

A 20% lighter version of the original color is **57.1144, 52.8140, 73.5135**, and **11.8013, 10.0108, 16.3492** is the 20% darker color. If you saturate the color by 10%, you get **26.4040, 21.5651, 37.4216**, and if you desaturate by 10%, it is **31.4644, 30.5568, 38.8904**.

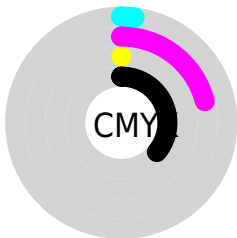
Distribution



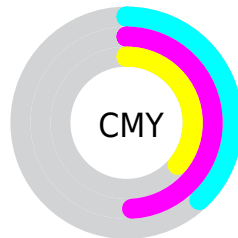
- Red (62%)
- Green (51%)
- Blue (64%)



- Red (62%)
- Yellow (51%)
- Blue (64%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7592, 25.7158, 38.0982 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 28.7592, 25.7158, 38.0982 by changing the saturation by 10% instead.

■ 28.7592, 25.7158,
38.0982

■ 28.7592, 25.7158,
38.0982

288.0918,
281.3842, 353.3518

■ 19.0421, 16.6111,
25.7565

■ 57.0945, 52.8161,
73.4637

■ 11.8049, 9.9576,
16.4174

■ 76.4434, 71.5805,
97.3246

■ 6.6822, 5.3709,
9.6625

■ 99.7336, 94.3337,
125.8623

■ 3.3087, 2.4665,
5.0731

127.3305,
121.4600, 159.4954

■ 1.3190, 0.8598,
2.2307

159.5994,
153.3438, 198.6423

■ 0.1974, 0.0000,
0.6920

196.9057,

■ 0.0000, 0.0000,

190.3695, 243.7217

0.0000

239.6147,
232.9215, 295.1520

■ 28.7592, 25.7158,
38.0982

■ 28.7592, 25.7158,
38.0982

■ 26.4040, 21.5651,
37.4216

■ 31.4644, 30.5568,
38.8904

■ 24.3801, 18.0689,
36.8534

■ 34.5324, 36.1150,
39.8015

■ 22.6710, 15.1933,
36.3884

■ 37.9782, 42.4199,
40.8369

■ 21.2572, 12.9000,
36.0203

■ 41.8152, 49.4986,
42.0010

■ 20.1176, 11.1464,
35.7419

■ 46.0564, 57.3766,
43.2981

■ 19.2279, 9.8839,
35.5451

■ 50.7139, 66.0782,
44.7322

■ 18.5595, 9.0556,
35.4204

■ 55.7994, 75.6268,
46.3072

■ 18.0819, 8.5579,
35.3495

■ 59.9029, 83.2024,
47.5532

■ 60.3343, 83.4248,
47.5734

Harmonies

Analogous

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



26.4471, 25.7158, 44.0754



28.7592, 25.7158, 38.0982



29.9318, 25.7158, 30.0632

Triad

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



28.7592, 25.7158, 38.0982



25.1522, 25.7158, 15.7410



19.9594, 25.7158, 33.9726

Complementary

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



28.7592, 25.7158, 38.0982



26.7334, 32.7666, 25.6857

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.



19.6684, 25.7158, 26.0337



28.7592, 25.7158, 38.0982



22.5411, 25.7158, 16.4030

Square

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



28.7592, 25.7158, 38.0982



27.7520, 25.7158, 17.8542



20.5802, 25.7158, 19.8655



21.4064, 25.7158, 41.4053

Rectangle

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



28.7592, 25.7158, 38.0982



29.8535, 25.7158, 24.9895



20.5802, 25.7158, 19.8655



19.7276, 25.7158, 31.2434

Sweetspot

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



28.7600, 25.7169, 38.0988



58.8745, 59.2847, 70.3962



24.1259, 24.2342, 38.0568



13.1481, 13.1796, 15.7884



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.



28.7600, 25.7169, 38.0988



49.4868, 42.4816, 67.6476



28.5034, 25.7074, 32.5404



7.2819, 7.1597, 8.9012



14.0776, 6.6638, 27.4740



0.3174, 0.1512, 0.5783

Inverse Universe

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



27.1890, 25.1817, 25.6190



46.1917, 41.3664, 41.1293



26.9939, 32.7992, 30.2909



7.1061, 7.0989, 7.5451



11.8408, 6.0924, 1.0863



0.2582, 0.1318, 0.0721

Previews

White Background



This preview shows how the XYZ color 28.7592, 25.7158, 38.0982 looks on a white background.

Color Contrast Check

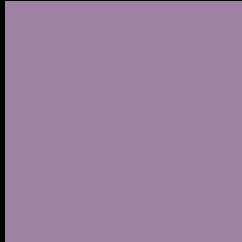
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7592, 25.7158, 38.0982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

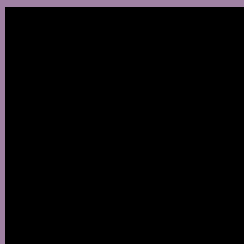
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7592, 25.7158, 38.0982

Background



This preview shows how black text looks on a background with the XYZ color 28.7592, 25.7158, 38.0982.



This preview shows how white text looks on a background with the XYZ color 28.7592, 25.7158,

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

28.7592, 25.7158, 38.0982

Protanopia

25.7656, 25.9471, 41.1864

Deuteranopia

26.4811, 25.9677, 37.7990



Tritanopia

27.0558, 25.8261, 29.5456

Trichromacy



Original Color

28.7592, 25.7158, 38.0982

Protanomaly

26.7944, 25.8687, 40.1402

Deuteranomaly

27.1219, 25.6796, 37.7096

Tritanomaly

27.6609, 25.8726, 32.3902

Monochromacy



Original Color

28.7592, 25.7158, 38.0982

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6634, 26.3892, 32.5425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7592, 25.7158, 38.0982 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, 129, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 163)  
}
```

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, 129, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.7592, 25.7158, 38.0982 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, 129, 163) }
```


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

```
.border{ border-color:rgb(159, 129, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7592, 25.7158, 38.0982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 163) }
```

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

```
.background{ background-color: rgb(159,  
129, 163) }
```

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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