

Converting Colors

XYZ(29.3207, 27.4129, 38.8679)

Have a look what the booklet for
XYZ(29.3207, 27.4129, 38.8679)
contains.

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Color

**XYZ(29.4096, 27.4568,
38.8716)**

Conversions

Conversions Part 1

Format	Color
Hex	9D88A4
RGB	157, 136, 164
RGB Percent	62%, 53%, 64%
CMY	0.3843, 0.4667, 0.3569
CMYK	0.04, 0.17, 0.00, 0.36
HSL	285°, 13%, 59%
HSV	285°, 17%, 64%
XYZ	29.4096, 27.4568, 38.8716
YIQ	145.4710, 3.5280, 13.1600

Conversions

Conversions Part 2

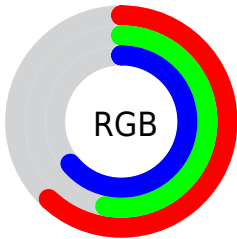
Format	Color
R_{YB}	157, 136, 164
Decimal	10324132
CIE _{Lab}	59.39, 13.21, -11.89
CIE _{LCh}	59, 17.770, 318.006
Yxy	27.4568, 0.3072, 0.2868
Android (android.graphics.Color)	4288514212 (0xFF9D88A4)
YUV	145.4710, 9.1348, 10.1109
Hunter-Lab	52.3992, 8.4863, -7.3039

Details

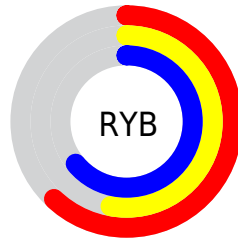
The XYZ color **29.4096, 27.4568, 38.8716** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **29.0482, 34.1689, 28.3583**, and the grayscale version is **27.0690, 28.4787, 31.0133**.

A 20% lighter version of the original color is **58.1352, 55.5067, 74.6676**, and **12.1963, 10.8896, 16.7883** is the 20% darker color. If you saturate the color by 10%, you get **26.4879, 22.7808, 38.1234**, and if you desaturate by 10%, it is **32.7132, 32.8558, 39.7400**.

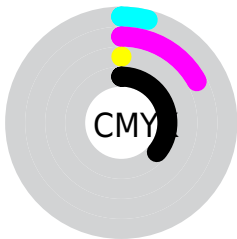
Distribution



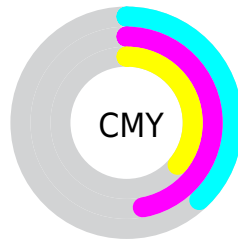
- Red (62%)
- Green (53%)
- Blue (64%)



- Red (62%)
- Yellow (53%)
- Blue (64%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4096, 27.4568, 38.8716 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 29.4096, 27.4568, 38.8716 by changing the saturation by 10% instead.

■ 29.4096, 27.4568,
38.8716

■ 29.4096, 27.4568,
38.8716

291.1021,
289.8621, 356.7539

■ 19.5367, 17.9166,
26.3528

■ 58.1203, 55.6160,
74.6603

■ 12.1650, 10.8901,
16.8596

■ 77.6888, 75.0038,
98.7673

■ 6.9292, 5.9930,
9.9736

■ 101.2200, 98.4429,
127.5741

■ 3.4638, 2.8408,
5.2761

129.0791,
126.3178, 161.4992

■ 1.4035, 1.0492,
2.3486

161.6315,
159.0127, 200.9612

■ 0.2587, 0.0000,
0.7582

199.2426,

■ 0.0000, 0.0000,

196.9121, 246.3786

0.0000

242.2777,
240.4005, 298.1700

■ 29.4096, 27.4568,
38.8716

■ 29.4096, 27.4568,
38.8716

■ 26.4879, 22.7808,
38.1234

■ 32.7132, 32.8558,
39.7400

■ 23.9294, 18.7922,
37.4884

■ 36.4115, 39.0045,
40.7319

■ 21.7174, 15.4575,
36.9613

■ 40.5197, 45.9323,
41.8526

■ 19.8328, 12.7390,
36.5359

■ 45.0515, 53.6662,
43.1065

■ 18.2548, 10.5951,
36.2053

■ 50.0198, 62.2318,
44.4980

■ 16.9595, 8.9791,
35.9616

■ 55.4369, 71.6535,
46.0310

■ 15.9198, 7.8365,
35.7959

■ 61.3150, 81.9548,
47.7096

■ 15.0938, 7.0844,
35.6943

■ 63.6474, 85.1224,
48.1981

■ 14.8688, 6.8910,
35.6688

■ 64.6847, 85.6571,
48.2466

Harmonies

Analogous

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



27.4427, 27.4568, 43.1371



29.4096, 27.4568, 38.8716



30.5123, 27.4568, 32.5166

Triad

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



29.4096, 27.4568, 38.8716



26.9966, 27.4568, 19.4353



22.2336, 27.4568, 33.8481

Complementary

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



29.4096, 27.4568, 38.8716



29.0482, 34.1689, 28.3583

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.



22.1294, 27.4568, 27.4198



29.4096, 27.4568, 38.8716



24.7958, 27.4568, 19.6861

Square

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



29.4096, 27.4568, 38.8716



29.0671, 27.4568, 21.6781



23.0427, 27.4568, 22.4204



23.3362, 27.4568, 39.9650

Rectangle

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



29.4096, 27.4568, 38.8716



30.5698, 27.4568, 28.2204



23.0427, 27.4568, 22.4204



22.0830, 27.4568, 31.6362

Sweetspot

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



29.4104, 27.4580, 38.8722



60.6488, 61.7351, 72.4719



26.7480, 27.7012, 39.0595



13.1650, 13.3410, 15.8187



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.



29.4104, 27.4580, 38.8722



51.5561, 46.8925, 70.0862



30.2406, 27.9524, 35.9098



7.1906, 7.1126, 8.8970



11.4456, 5.3069, 27.3509



0.2797, 0.1317, 0.5765

Inverse Universe

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



29.0730, 27.4853, 29.7610



50.8718, 46.9686, 50.6792



28.3525, 33.7550, 30.8239



7.1430, 7.1137, 7.7397



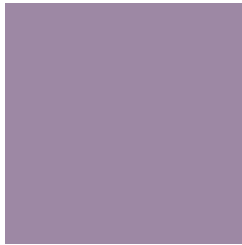
12.0625, 6.1811, 2.2538



0.2711, 0.1369, 0.1403

Previews

White Background



This preview shows how the XYZ color 29.4096, 27.4568, 38.8716 looks on a white background.

Color Contrast Check

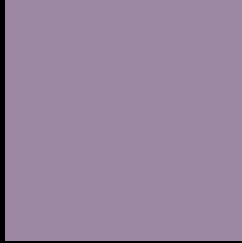
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4096, 27.4568, 38.8716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

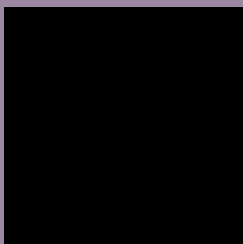
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4096, 27.4568, 38.8716

Background



This preview shows how black text looks on a background with the XYZ color 29.4096, 27.4568, 38.8716.



This preview shows how white text looks on a background with the XYZ color 29.4096, 27.4568,

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

29.4096, 27.4568, 38.8716

Protanopia

27.2221, 27.5764, 40.9338

Deuteranopia

27.8761, 27.3126, 38.4530



Tritanopia

28.1750, 27.6037, 32.2768

Trichromacy



Original Color

29.4096, 27.4568, 38.8716

Protanomaly

28.0302, 27.5659, 40.4026

Deuteranomaly

28.4618, 27.4006, 38.4391

Tritanomaly

28.6315, 27.5780, 34.3859

Monochromacy



Original Color

29.4096, 27.4568, 38.8716

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.7349, 28.0026, 33.6490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4096, 27.4568, 38.8716 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(157, 136, 164)` looks like.

```
.text, #text, p{  
    color:rgb(157, 136, 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(157, 136, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 136, 164) }
```

Border

The CSS property to change the border of an element to XYZ 29.4096, 27.4568, 38.8716 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(157, 136, 164) }
```


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

```
.border{ border-color:rgb(157, 136, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 136, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 136, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 136, 164);  
box-shadow:4px 4px 4px 4px rgb(157, 136,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4096, 27.4568, 38.8716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 136, 164) }
```

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

```
.background{ background-color: rgb(157,  
136, 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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