

Converting Colors

XYZ(28.5166, 26.2278, 30.0430)

Have a look what the booklet for
XYZ(28.5166, 26.2278, 30.0430)
contains.

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Color

**XYZ(28.4602, 26.1387,
29.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	A48390
RGB	164, 131, 144
RGB Percent	64%, 51%, 56%
CMY	0.3569, 0.4863, 0.4353
CMYK	0.00, 0.20, 0.12, 0.36
HSL	336°, 15%, 58%
HSV	336°, 20%, 64%
XYZ	28.4602, 26.1387, 29.9308
YIQ	142.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

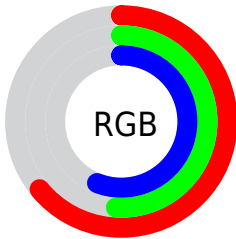
Format	Color
RYB	164, 131, 144
Decimal	10781584
CIELab	58.17, 14.81, -2.17
CIELCh	58, 14.971, 351.685
Yxy	26.1387, 0.3367, 0.3092
Android (android.graphics.Color)	4288971664 (0xFFA48390)
YUV	142.3490, 0.8139, 18.9879
Hunter-Lab	51.1260, 9.8946, 1.0780

Details

The XYZ color **28.4602, 26.1387, 29.9308** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.2225, 33.6113, 34.2799**, and the grayscale version is **25.8426, 27.1884, 29.6081**.

A 20% lighter version of the original color is **56.5469, 53.4183, 60.7565**, and **11.6449, 10.1378, 11.9327** is the 20% darker color. If you saturate the color by 10%, you get **25.7030, 21.7868, 25.4270**, and if you desaturate by 10%, it is **31.6345, 31.2170, 34.9044**.

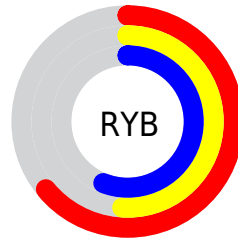
Distribution



Red (64%)

Green (51%)

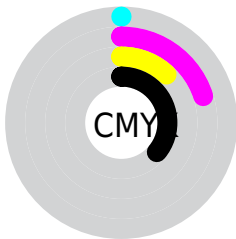
Blue (56%)



Red (64%)

Yellow (51%)

Blue (56%)

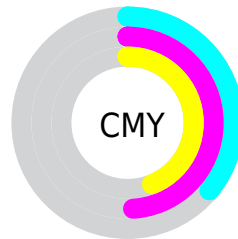


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4602, 26.1387, 29.9308 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 28.4602, 26.1387, 29.9308 by changing the saturation by 10% instead.

■ 28.4602, 26.1387,
29.9308

■ 28.4602, 26.1387,
29.9308

286.6998,
283.4623, 315.7790

■ 18.8151, 16.9274,
19.5345

■ 56.6219, 53.4986,
60.6124

■ 11.6399, 10.1828,
11.8764

■ 75.8691, 72.4161,
81.7348

■ 6.5695, 5.5203,
6.5380

■ 99.0478, 95.3377,
107.2696

■ 3.2382, 2.5557,
3.1009

126.5232,
122.6479, 137.6354

■ 1.2810, 0.9044,
1.1464

158.6608,
154.7310, 173.2507

■ 0.1689, 0.0000,
0.0000

195.8258,

■ 0.0000, 0.0000,

191.9716, 214.5340

0.0000

238.3837,
234.7538, 261.9040

■ 28.4602, 26.1387,
29.9308

■ 28.4602, 26.1387,
29.9308

■ 25.7030, 21.7868,
25.4270

■ 31.6345, 31.2170,
34.9044

■ 23.3425, 18.1244,
21.3767

■ 35.2406, 37.0495,
40.3598

■ 21.3600, 15.1166,
17.7653

■ 39.2951, 43.6666,
46.3108


■ 19.7344, 12.7240,
14.5764

■ 43.8133, 51.0963,
52.7702


■ 18.4423, 10.9030,
11.7927


■ 48.8096, 59.3649,
59.7500


 17.4573, 9.6042,
9.3951


 54.2976, 68.4978,
67.2620

 16.7485, 8.7693,
7.3626

 60.2908, 78.5190,
75.3176

 16.2525, 8.2696,
5.6797

 64.4600, 84.7686,
83.1473

 65.8444, 85.3224,
90.4372

Harmonies

Analogous

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



27.6845, 26.1387, 35.1187



28.4602, 26.1387, 29.9308



28.2306, 26.1387, 24.9245

Triad

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



28.4602, 26.1387, 29.9308



23.5765, 26.1387, 20.1458



22.7423, 26.1387, 37.0462

Complementary

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



28.4602, 26.1387, 29.9308



28.2225, 33.6113, 34.2799

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.



21.7398, 26.1387, 32.3163



28.4602, 26.1387, 29.9308



22.2049, 26.1387, 22.7021

Square

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



28.4602, 26.1387, 29.9308



25.3522, 26.1387, 19.6712



21.5480, 26.1387, 27.0394



24.3427, 26.1387, 39.5416

Rectangle

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



28.4602, 26.1387, 29.9308



27.5429, 26.1387, 22.3170



21.5480, 26.1387, 27.0394



22.3275, 26.1387, 35.6393

Sweetspot

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



28.4609, 26.1399, 29.9313



59.9483, 60.7382, 67.2182



27.5435, 25.4744, 38.5877



13.0206, 13.1407, 14.5656



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.



28.4609, 26.1399, 29.9313



49.4018, 43.8674, 50.6855



27.9741, 26.6656, 25.1467



7.1839, 7.1300, 7.9549



12.4836, 6.3495, 4.4715



0.2852, 0.1426, 0.2144

Inverse Universe

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



28.4609, 26.1399, 29.9313



49.4018, 43.8674, 50.6855



28.7543, 32.8914, 39.9555



7.1839, 7.1300, 7.9549



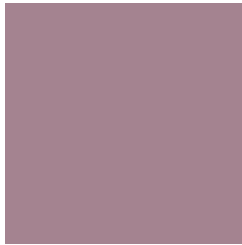
12.4836, 6.3495, 4.4715



0.2852, 0.1426, 0.2144

Previews

White Background



This preview shows how the XYZ color 28.4602, 26.1387, 29.9308 looks on a white background.

Color Contrast Check

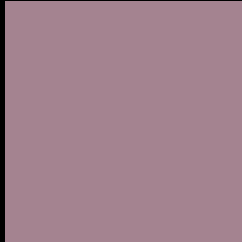
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4602, 26.1387, 29.9308 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

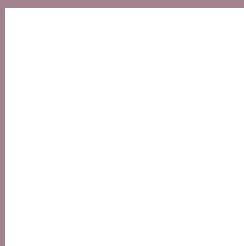
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4602, 26.1387, 29.9308

Background



This preview shows how black text looks on a background with the XYZ color 28.4602, 26.1387, 29.9308.



This preview shows how white text looks on a background with the XYZ color 28.4602, 26.1387,

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

28.4602, 26.1387, 29.9308

Protanopia

25.4727, 26.2106, 32.1504

Deuteranopia

26.7110, 26.2669, 29.6488



Tritanopia

28.3086, 26.0781, 29.1327

Trichromacy



Original Color

28.4602, 26.1387, 29.9308

Protanomaly

26.4650, 26.1045, 31.2476

Deuteranomaly

27.1933, 26.1013, 29.5914

Tritanomaly

28.3841, 26.1083, 29.5300

Monochromacy



Original Color

28.4602, 26.1387, 29.9308

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6241, 26.6442, 29.7262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4602, 26.1387, 29.9308 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(164, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 131, 144)  
}
```

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(164, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 131, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.4602, 26.1387, 29.9308 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(164, 131, 144) }
```


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

```
.border{ border-color:rgb(164, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 131,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4602, 26.1387, 29.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 131, 144) }
```

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

```
.background{ background-color: rgb(164,  
131, 144) }
```

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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