

Converting Colors

XYZ(28.9602, 26.1099, 24.9861)

Have a look what the booklet for
XYZ(28.9602, 26.1099, 24.9861)
contains.

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Color

**XYZ(28.9602, 26.1099,
24.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8183
RGB	172, 129, 131
RGB Percent	67%, 51%, 51%
CMY	0.3255, 0.4941, 0.4863
CMYK	0.00, 0.25, 0.24, 0.33
HSL	357°, 21%, 59%
HSV	357°, 25%, 67%
XYZ	28.9602, 26.1099, 24.9861
YIQ	142.0850, 24.9860, 9.7380

Conversions

Conversions Part 2

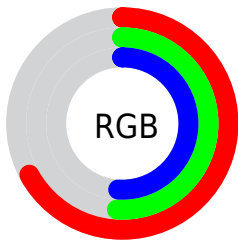
Format	Color
R_{YB}	172, 129, 131
Decimal	11305347
CIE _{Lab}	58.14, 16.88, 5.38
CIE _{LCh}	58, 17.717, 17.692
Yxy	26.1099, 0.3617, 0.3261
Android (android.graphics.Color)	4289495427 (0xFFAC8183)
YUV	142.0850, -5.4649, 26.2355
Hunter-Lab	51.0978, 11.7454, 6.7766

Details

The XYZ color **28.9602, 26.1099, 24.9861** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0625, 37.0749, 43.5510**, and the grayscale version is **25.7594, 27.1009, 29.5129**.

A 20% lighter version of the original color is **57.3746, 53.4106, 52.6327**, and **11.9267, 10.1231, 9.3080** is the 20% darker color. If you saturate the color by 10%, you get **25.8574, 21.5445, 18.8948**, and if you desaturate by 10%, it is **32.6218, 31.5108, 32.1324**.

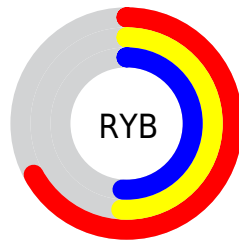
Distribution



Red (67%)

Green (51%)

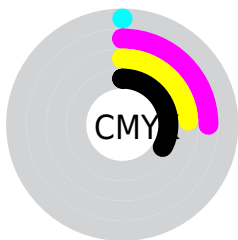
Blue (51%)



Red (67%)

Yellow (51%)

Blue (51%)

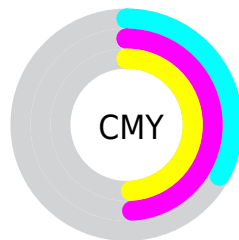


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9602, 26.1099, 24.9861 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 28.9602, 26.1099, 24.9861 by changing the saturation by 10% instead.


 28.9602, 26.1099,
24.9861


 28.9602, 26.1099,
24.9861

289.0247,
283.3212, 291.2142


 19.1948, 16.9059,
15.8478


 57.4118, 53.4522,
52.5985

 11.9160, 10.1674,
9.2633


 76.8288, 72.3592,
71.9097

 6.7583, 5.5101,
4.8142


 100.1938, 95.2694,
95.4489

 3.3564, 2.5495,
2.0818

127.8720,
122.5671, 123.6346

 1.3449, 0.9014,
0.6049

160.2288,
154.6368, 156.8855

 0.2165, 0.0000,
0.0000

197.6296,

 0.0000, 0.0000,

191.8627, 195.6200

0.0000

240.4398,
234.6294, 240.2567

■ 28.9602, 26.1099,
24.9861

■ 28.9602, 26.1099,
24.9861

■ 25.8574, 21.5445,
18.8948

■ 32.6218, 31.5108,
32.1324

■ 23.2839, 17.7696,
13.8071

■ 36.8655, 37.7822,
40.3788

■ 21.2108, 14.7413,
9.6696

■ 41.7160, 44.9615,
49.7694

■ 19.6055, 12.4101,
6.4234

■ 47.1957, 53.0827,
60.3457

■ 18.4315, 10.7204,
4.0029

■ 53.3261, 62.1784,
72.1470

■ 17.6472, 9.6084,
2.3336

■ 60.1276, 72.2792,
85.2108

■ 17.2016, 8.9954,
1.3274

■ 67.6196, 83.4146,
99.5731

■ 17.0570, 8.7881,
1.0266

■ 70.8232, 87.5106,
107.7662

Harmonies

Analogous

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



29.0716, 26.1099, 31.0241



28.9602, 26.1099, 24.9861



27.6998, 26.1099, 20.5529

Triad

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



28.9602, 26.1099, 24.9861



21.8877, 26.1099, 21.1919



23.9472, 26.1099, 41.6126

Complementary

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



28.9602, 26.1099, 24.9861



31.0625, 37.0749, 43.5510

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.



22.1409, 26.1099, 38.0977



28.9602, 26.1099, 24.9861



20.9986, 26.1099, 25.9833

Square

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



28.9602, 26.1099, 24.9861



23.5834, 26.1099, 18.5893



21.0885, 26.1099, 32.1750



26.0923, 26.1099, 41.2431

Rectangle

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



28.9602, 26.1099, 24.9861



26.4166, 26.1099, 18.8357



21.0885, 26.1099, 32.1750



23.2827, 26.1099, 40.8273

Sweetspot

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



28.9609, 26.1111, 24.9866



65.1504, 65.9856, 69.8982



31.8424, 27.2097, 42.6034



14.0606, 14.1952, 15.0001



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.9609, 26.1111, 24.9866



49.2983, 42.5976, 38.9760



31.6213, 31.6463, 25.2122



8.0198, 8.0212, 8.4149



12.6989, 6.5421, 0.7940



0.3580, 0.1839, 0.0472

Inverse Universe

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



28.9609, 26.1111, 24.9866



49.2983, 42.5976, 38.9760



27.8347, 30.3148, 43.4140



8.0198, 8.0212, 8.4149



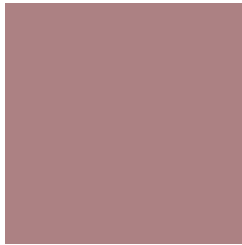
12.6989, 6.5421, 0.7940



0.3580, 0.1839, 0.0472

Previews

White Background



This preview shows how the XYZ color 28.9602, 26.1099, 24.9861 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 28.9602, 26.1099, 24.9861 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 28.9602, 26.1099, 24.9861

Background



This preview shows how black text looks on a background with the XYZ color 28.9602, 26.1099, 24.9861.



This preview shows how white text looks on a background with the XYZ color 28.9602, 26.1099,

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

28.9602, 26.1099, 24.9861

Protanopia

25.0757, 26.1110, 27.3852

Deuteranopia

26.5979, 26.1078, 24.7565



Tritanopia

29.5402, 26.1576, 27.5367

Trichromacy



Original Color

28.9602, 26.1099, 24.9861

Protanomaly

26.3636, 25.9472, 26.5405

Deuteranomaly

27.3171, 26.0681, 24.7110

Tritanomaly

29.3259, 26.0718, 26.4084

Monochromacy



Original Color

28.9602, 26.1099, 24.9861

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6700, 26.4986, 27.7538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9602, 26.1099, 24.9861 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(172, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(172, 129, 131)  
}
```

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(172, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 129, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.9602, 26.1099, 24.9861 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(172, 129, 131) }
```


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

```
.border{ border-color:rgb(172, 129, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(172, 129,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9602, 26.1099, 24.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 129, 131) }
```

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

```
.background{ background-color: rgb(172,  
129, 131) }
```

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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