

Converting Colors

XYZ(28.8534, 26.4787, 24.6294)

Have a look what the booklet for
XYZ(28.8534, 26.4787, 24.6294)
contains.

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Color

**XYZ(28.9402, 26.5022,
24.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8382
RGB	171, 131, 130
RGB Percent	67%, 51%, 51%
CMY	0.3294, 0.4863, 0.4902
CMYK	0.00, 0.23, 0.24, 0.33
HSL	1°, 20%, 59%
HSV	1°, 24%, 67%
XYZ	28.9402, 26.5022, 24.7092
YIQ	142.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

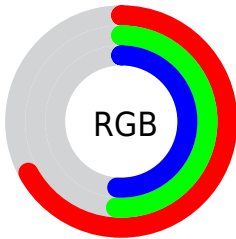
Format	Color
R_{YB}	171, 131, 130
Decimal	11240322
CIE _{Lab}	58.51, 15.21, 6.48
CIE _{LCh}	59, 16.530, 23.062
Yxy	26.5022, 0.3611, 0.3307
Android (android.graphics.Color)	4289430402 (0xFFAB8382)
YUV	142.8460, -6.3331, 24.6911
Hunter-Lab	51.4803, 10.2552, 7.5785

Details

The XYZ color **28.9402, 26.5022, 24.7092** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9311, 36.4348, 43.9308**, and the grayscale version is **26.0653, 27.4227, 29.8633**.

A 20% lighter version of the original color is **57.3663, 54.0308, 52.2052**, and **11.8988, 10.3305, 9.1514** is the 20% darker color. If you saturate the color by 10%, you get **25.8235, 21.9555, 18.4703**, and if you desaturate by 10%, it is **32.6098, 31.8491, 32.0741**.

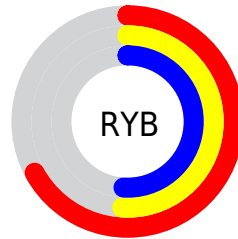
Distribution



Red (67%)

Green (51%)

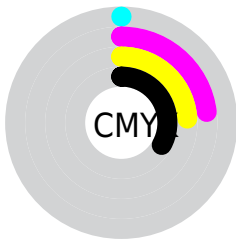
Blue (51%)



Red (67%)

Yellow (51%)

Blue (51%)

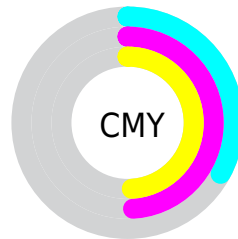


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9402, 26.5022, 24.7092 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 28.9402, 26.5022, 24.7092 by changing the saturation by 10% instead.


 28.9402, 26.5022,
24.7092


 28.9402, 26.5022,
24.7092


288.9320,
285.2387, 289.7878


 19.1796, 17.1997,
15.6435


 57.3803, 54.0840,
52.1433

 11.9049, 10.3770,
9.1206


 76.7905, 73.1321,
71.3488

 6.7507, 5.6496,
4.7221


 100.1480, 96.1976,
94.7713

 3.3516, 2.6332,
2.0293

127.8181,
123.6648, 122.8294

 1.3423, 0.9434,
0.5732

160.1662,
155.9181, 155.9415

 0.2146, 0.0000,
0.0000

197.5577,

 0.0000, 0.0000,

193.3419, 194.5262

0.0000

240.3578,
236.3207, 239.0022

■ 28.9402, 26.5022,
24.7092

■ 28.9402, 26.5022,
24.7092

■ 25.8235, 21.9555,
18.4703

■ 32.6098, 31.8491,
32.0741

■ 23.2310, 18.1671,
13.3005

■ 36.8551, 38.0283,
40.6150

■ 21.1345, 15.0969,
9.1402

■ 41.7001, 45.0743,
50.3806

■ 19.5024, 12.6996,
5.9236

■ 47.1668, 53.0190,
61.4168

■ 18.2993, 10.9246,
3.5767

■ 53.2762, 61.8924,
73.7667

■ 17.4850, 9.7145,
2.0149

■ 60.0482, 71.7231,
87.4716

■ 17.0114, 9.0009,
1.1365

■ 67.5019, 82.5386,
102.5711

■ 16.8402, 8.7488,
0.8011

■ 70.6048, 87.3980,
107.7560

Harmonies

Analogous

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



29.2510, 26.5022, 30.2229



28.9402, 26.5022, 24.7092



27.5999, 26.5022, 20.8375

Triad

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



28.9402, 26.5022, 24.7092



22.2070, 26.5022, 22.6668



24.7227, 26.5022, 41.3861

Complementary

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



28.9402, 26.5022, 24.7092



30.9311, 36.4348, 43.9308

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.



22.9238, 26.5022, 38.7066



28.9402, 26.5022, 24.7092



21.5226, 26.5022, 27.5317

Square

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



28.9402, 26.5022, 24.7092



23.6965, 26.5022, 19.7732



21.7778, 26.5022, 33.4434



26.7441, 26.5022, 40.3662

Rectangle

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



28.9402, 26.5022, 24.7092



26.3397, 26.5022, 19.4585



21.7778, 26.5022, 33.4434



24.0734, 26.5022, 40.8774

Sweetspot

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



28.9409, 26.5034, 24.7097



63.4982, 64.4584, 67.6919



32.0633, 27.5378, 41.8133



14.0615, 14.2306, 14.8967



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.



28.9409, 26.5034, 24.7097



48.6212, 42.7842, 37.8242



31.9204, 32.4623, 25.7029



8.0204, 8.0456, 8.3436



12.7006, 6.6067, 0.6058



0.3583, 0.1938, 0.0185

Inverse Universe

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



30.9311, 36.4348, 43.9308



52.8354, 63.8171, 78.5351



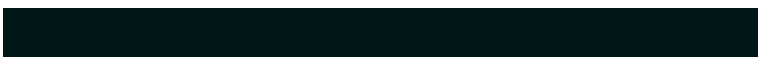
27.4341, 29.4407, 42.7652



8.2193, 9.0379, 10.2640



15.9392, 23.0122, 32.6462



0.4485, 0.6504, 0.9099

Previews

White Background



This preview shows how the XYZ color 28.9402, 26.5022, 24.7092 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 28.9402, 26.5022, 24.7092 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 28.9402, 26.5022, 24.7092

Background



This preview shows how black text looks on a background with the XYZ color 28.9402, 26.5022, 24.7092.



This preview shows how white text looks on a background with the XYZ color 28.9402, 26.5022,

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

28.9402, 26.5022, 24.7092

Protanopia

25.4283, 26.5252, 26.7013

Deuteranopia

27.0647, 26.5642, 24.4698



Tritanopia

29.7295, 26.6294, 28.3840

Trichromacy



Original Color

28.9402, 26.5022, 24.7092

Protanomaly

26.5057, 26.4548, 25.8996

Deuteranomaly

27.5918, 26.4217, 24.4145

Tritanomaly

29.4398, 26.5135, 26.8585

Monochromacy



Original Color

28.9402, 26.5022, 24.7092

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.9569, 27.0725, 27.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9402, 26.5022, 24.7092 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(171, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(171, 131, 130)  
}
```

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(171, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 131, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.9402, 26.5022, 24.7092 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(171, 131, 130) }
```


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

```
.border{ border-color:rgb(171, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(171, 131,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9402, 26.5022, 24.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 131, 130) }
```

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

```
.background{ background-color: rgb(171,  
131, 130) }
```

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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