

Converting Colors

XYZ(32.3514, 28.6933, 28.1659)

Have a look what the booklet for
XYZ(32.3514, 28.6933, 28.1659)
contains.

XYZ(32.3391, 28.5842, 28.2389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.3391, 28.5842,
28.2389)**

Conversions

Conversions Part 1

Format	Color
Hex	B6858B
RGB	182, 133, 139
RGB Percent	71%, 52%, 55%
CMY	0.2863, 0.4784, 0.4549
CMYK	0.00, 0.27, 0.24, 0.29
HSL	353°, 25%, 62%
HSV	353°, 27%, 71%
XYZ	32.3391, 28.5842, 28.2389
YIQ	148.3350, 27.2780, 12.2540

Conversions

Conversions Part 2

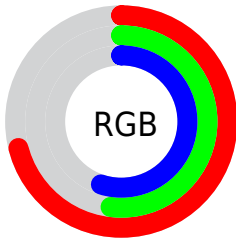
Format	Color
RYB	182, 133, 139
Decimal	11961739
CIELab	60.41, 19.69, 4.20
CIElCh	60, 20.137, 12.046
Yxy	28.5842, 0.3627, 0.3206
Android (android.graphics.Color)	4290151819 (0xFFB6858B)
YUV	148.3350, -4.6022, 29.5242
Hunter-Lab	53.4642, 14.4077, 6.1089

Details

The XYZ color **32.3391, 28.5842, 28.2389** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.2385, 41.5777, 47.2971**, and the grayscale version is **28.2995, 29.7732, 32.4231**.

A 20% lighter version of the original color is **62.6699, 57.2743, 57.6212**, and **13.7985, 11.4970, 10.9431** is the 20% darker color. If you saturate the color by 10%, you get **28.9769, 23.5928, 21.7748**, and if you desaturate by 10%, it is **36.3052, 34.5099, 35.7463**.

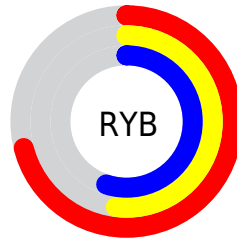
Distribution



Red (71%)

Green (52%)

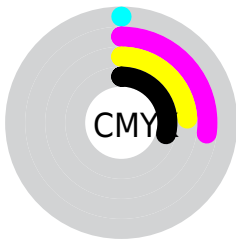
Blue (55%)



Red (71%)

Yellow (52%)

Blue (55%)

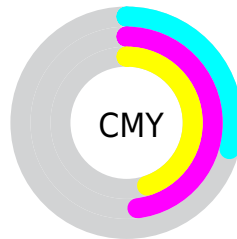


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3391, 28.5842, 28.2389 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 32.3391, 28.5842, 28.2389 by changing the saturation by 10% instead.


 32.3391, 28.5842,
28.2389


 32.3391, 28.5842,
28.2389


304.3790,
295.2480, 307.5545


 21.7774, 18.7665,
18.2652


 62.7039, 57.4158,
57.8933

 13.8091, 11.5017,
10.9692


 83.2378, 77.1985,
78.4111

 8.0689, 6.4053,
5.9322

 107.8265,
101.0716, 103.2807

 4.1912, 3.0931,
2.7358

136.8353,
129.4196, 132.9207

 1.8109, 1.1805,
0.9614

170.6296,
162.6269, 167.7495

 0.5242, 0.0457,
0.0000

209.5747,

 0.0000, 0.0000,

201.0778, 208.1857

0.0000

254.0361,
245.1567, 254.6478

■ 32.3391, 28.5842,
28.2389

■ 32.3391, 28.5842,
28.2389

■ 28.9769, 23.5928,
21.7748

■ 36.3052, 34.5099,
35.7463

■ 26.1865, 19.4843,
16.3059

■ 40.9004, 41.4101,
44.3384

■ 23.9366, 16.2083,
11.7832

■ 46.1513, 49.3272,
54.0568

■ 22.1918, 13.7078,
8.1527

■ 52.0823, 58.3004,
64.9401

■ 20.9126, 11.9186,
5.3547

■ 58.7167, 68.3663,
77.0253

■ 20.0532, 10.7660,
3.3225

■ 66.0764, 79.5600,
90.3476

■ 19.5524, 10.1468,
1.9766

■ 72.4340, 88.4181,
104.3580

■ 19.4389, 10.0041,
1.6794

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



32.1900, 28.5842, 35.7331



32.3391, 28.5842, 28.2389



31.0395, 28.5842, 22.5104

Triad

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



32.3391, 28.5842, 28.2389



23.9658, 28.5842, 21.6827



25.6611, 28.5842, 46.7697

Complementary

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



32.3391, 28.5842, 28.2389



34.2385, 41.5777, 47.2971

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.



23.6333, 28.5842, 41.6932



32.3391, 28.5842, 28.2389



22.6983, 28.5842, 26.9281

Square

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



32.3391, 28.5842, 28.2389



26.1417, 28.5842, 19.1485



22.5806, 28.5842, 34.1978



28.2217, 28.5842, 47.2709

Rectangle

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



32.3391, 28.5842, 28.2389



29.5719, 28.5842, 20.1424



22.5806, 28.5842, 34.1978



24.8988, 28.5842, 45.5084

Sweetspot

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



32.3399, 28.5855, 28.2395



73.0773, 73.4594, 78.3853



34.6160, 29.3219, 48.0913



15.8515, 15.7903, 16.7742



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.3399, 28.5855, 28.2395



55.0737, 46.5349, 44.3827



34.5871, 33.7621, 26.8858



9.0481, 9.0296, 9.6009



13.7412, 7.0703, 1.2582



0.4991, 0.2551, 0.1215

Inverse Universe

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



32.3399, 28.5855, 28.2395



55.0737, 46.5349, 44.3827



31.3989, 34.9278, 49.3430



9.0481, 9.0296, 9.6009



13.7412, 7.0703, 1.2582



0.4991, 0.2551, 0.1215

Previews

White Background



This preview shows how the XYZ color 32.3391, 28.5842, 28.2389 looks on a white background.

Color Contrast Check

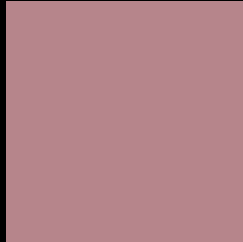
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3391, 28.5842, 28.2389 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 32.3391, 28.5842, 28.2389

Background



This preview shows how black text looks on a background with the XYZ color 32.3391, 28.5842, 28.2389.



This preview shows how white text looks on a background with the XYZ color 32.3391, 28.5842,

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

32.3391, 28.5842, 28.2389

Protanopia

27.5264, 28.6220, 31.2679

Deuteranopia

29.2166, 28.6713, 28.0390



Tritanopia

32.5006, 28.4308, 29.7613

Trichromacy



Original Color

32.3391, 28.5842, 28.2389

Protanomaly

28.9800, 28.5065, 29.9615

Deuteranomaly

30.2535, 28.5580, 27.9625

Tritanomaly

32.4252, 28.4006, 29.3641

Monochromacy



Original Color

32.3391, 28.5842, 28.2389

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4305, 29.1628, 30.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3391, 28.5842, 28.2389 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(182, 133, 139)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 139)  
}
```

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(182, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.3391, 28.5842, 28.2389 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(182, 133, 139) }
```


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

```
.border{ border-color:rgb(182, 133, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3391, 28.5842, 28.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 139) }
```

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

```
.background{ background-color: rgb(182,  
133, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor