

Converting Colors

XYZ(32.3103, 28.2245, 24.7539)

Have a look what the booklet for
XYZ(32.3103, 28.2245, 24.7539)
contains.

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Color

**XYZ(32.3953, 28.2834,
24.8709)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8382
RGB	186, 131, 130
RGB Percent	73%, 51%, 51%
CMY	0.2706, 0.4863, 0.4902
CMYK	0.00, 0.30, 0.30, 0.27
HSL	1°, 29%, 62%
HSV	1°, 30%, 73%
XYZ	32.3953, 28.2834, 24.8709
YIQ	147.3310, 33.1010, 11.3490

Conversions

Conversions Part 2

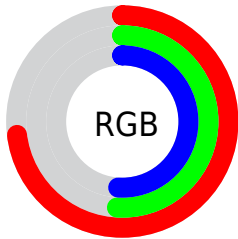
Format	Color
RYB	186, 131, 130
Decimal	12223362
CIELab	60.14, 21.06, 9.03
CIElCh	60, 22.908, 23.203
Yxy	28.2834, 0.3787, 0.3306
Android (android.graphics.Color)	4290413442 (0xFFBA8382)
YUV	147.3310, -8.5442, 33.9127
Hunter-Lab	53.1821, 15.6625, 9.5002

Details

The XYZ color **32.3953, 28.2834, 24.8709** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4173, 42.9876, 52.8854**, and the grayscale version is **27.8955, 29.3483, 31.9602**.

A 20% lighter version of the original color is **62.6499, 56.7546, 52.4525**, and **13.7877, 11.3042, 9.2398** is the 20% darker color. If you saturate the color by 10%, you get **29.0171, 23.3476, 18.1321**, and if you desaturate by 10%, it is **36.4332, 34.1772, 32.9437**.

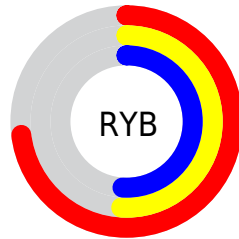
Distribution



Red (73%)

Green (51%)

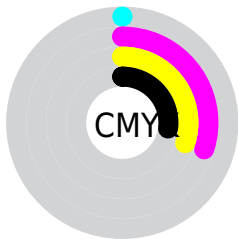
Blue (51%)



Red (73%)

Yellow (51%)

Blue (51%)

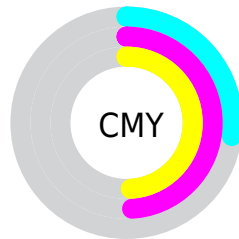


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3953, 28.2834, 24.8709 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 32.3953, 28.2834, 24.8709 by changing the saturation by 10% instead.


 32.3953, 28.2834,
24.8709


 32.3953, 28.2834,
24.8709


304.6294,
293.8186, 290.6215


 21.8206, 18.5394,
15.7628


 62.7913, 56.9366,
52.4092

 13.8410, 11.3379,
9.2039


 83.3433, 76.6146,
71.6765

 8.0911, 6.2946,
4.7758


 107.9519,
100.3727, 95.1672

 4.2056, 3.0250,
2.0599

136.9823,
128.5953, 123.2999

 1.8191, 1.1448,
0.5917

170.7999,
161.6668, 156.4932

 0.5291, 0.0159,
0.0000

209.7700,

 0.0000, 0.0000,

199.9716, 195.1655

0.0000

254.2581,
243.8941, 239.7354

■ 32.3953, 28.2834,
24.8709

■ 32.3953, 28.2834,
24.8709

■ 29.0171, 23.3476,
18.1321

■ 36.4332, 34.1772,
32.9437

■ 26.2615, 19.3154,
12.6539

■ 41.1609, 41.0716,
42.4149

■ 24.0912, 16.1334,
8.3584

■ 46.6094, 49.0114,
53.3471

■ 22.4638, 13.7407,
5.1586

■ 52.8069, 58.0377,
65.7985

■ 21.3315, 12.0683,
2.9554

■ 59.7804, 68.1892,
79.8239

■ 20.6380, 11.0355,
1.6319

■ 67.5553, 79.5028,
95.4757

■ 20.2860, 10.5115,
0.9597

■ 74.0598, 89.1792,
107.9177

Harmonies

Analogous

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



32.8684, 28.2834, 32.7435



32.3953, 28.2834, 24.8709



30.3972, 28.2834, 19.6063

Triad

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



32.3953, 28.2834, 24.8709



22.6222, 28.2834, 22.1136



26.2218, 28.2834, 49.7376

Complementary

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



32.3953, 28.2834, 24.8709



35.4173, 42.9876, 52.8854

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.



23.6498, 28.2834, 45.5929



32.3953, 28.2834, 24.8709



21.6715, 28.2834, 28.9269

Square

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



32.3953, 28.2834, 24.8709



24.7252, 28.2834, 18.2279



22.0336, 28.2834, 37.5941



29.1619, 28.2834, 48.1166

Rectangle

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



32.3953, 28.2834, 24.8709



28.5423, 28.2834, 17.7970



22.0336, 28.2834, 37.5941



25.2884, 28.2834, 48.9510

Sweetspot

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



32.3961, 28.2847, 24.8715



75.4952, 75.7401, 78.6616



36.9966, 29.9103, 49.7594



16.3272, 16.2447, 16.7249



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.3961, 28.2847, 24.8715



54.6135, 45.2693, 36.8874



36.6659, 36.8245, 26.2948



9.0172, 9.0373, 9.3760



13.6536, 7.0836, 0.6477



0.4857, 0.2585, 0.0243

Inverse Universe

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



35.4173, 42.9876, 52.8854



60.9525, 76.1237, 95.6822



30.1374, 32.4278, 51.1254



9.2525, 10.1823, 11.5571



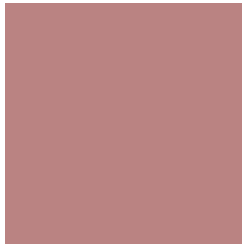
17.3150, 25.0897, 35.1833



0.6148, 0.8933, 1.2418

Previews

White Background



This preview shows how the XYZ color 32.3953, 28.2834, 24.8709 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 32.3953, 28.2834, 24.8709 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 32.3953, 28.2834, 24.8709

Background



This preview shows how black text looks on a background with the XYZ color 32.3953, 28.2834, 24.8709.



This preview shows how white text looks on a background with the XYZ color 32.3953, 28.2834,

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

32.3953, 28.2834, 24.8709

Protanopia

27.2184, 28.5410, 27.7413

Deuteranopia

28.7914, 28.3140, 24.3698



Tritanopia

33.1363, 28.3941, 28.1602

Trichromacy



Original Color

32.3953, 28.2834, 24.8709

Protanomaly

28.7854, 28.2639, 26.4926

Deuteranomaly

30.1417, 28.3605, 24.6544

Tritanomaly

32.9201, 28.3076, 27.0214

Monochromacy



Original Color

32.3953, 28.2834, 24.8709

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.0305, 28.5499, 29.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3953, 28.2834, 24.8709 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(186, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 131, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.3953, 28.2834, 24.8709 is called "border". The border property can be set on classes, ids or directly on the HTML element.

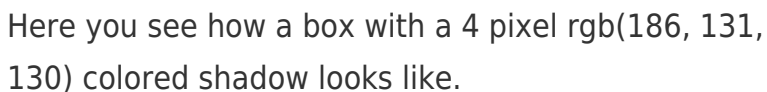
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 131, 130) }
```


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

```
.border{ border-color:rgb(186, 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(186, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 131, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 131, 130); box-shadow:4px 4px 4px 4px rgb(186, 131, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3953, 28.2834, 24.8709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 131, 130) }
```

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

```
.background{ background-color: rgb(186,  
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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