

Converting Colors

XYZ(32.1040, 28.6917, 41.5906)

Have a look what the booklet for
XYZ(32.1040, 28.6917, 41.5906)
contains.

XYZ(32.1140, 28.7977, 41.4020)	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(32.1140, 28.7977,
41.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	A888A9
RGB	168, 136, 169
RGB Percent	66%, 53%, 66%
CMY	0.3412, 0.4667, 0.3373
CMYK	0.01, 0.20, 0.00, 0.34
HSL	298°, 16%, 60%
HSV	298°, 20%, 66%
XYZ	32.1140, 28.7977, 41.4020
YIQ	149.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

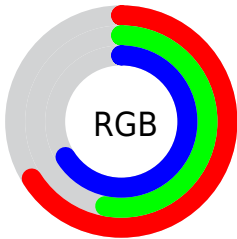
Format	Color
RYB	168, 136, 169
Decimal	11045033
CIELab	60.60, 18.06, -12.82
CIElCh	61, 22.151, 324.636
Yxy	28.7977, 0.3139, 0.2815
Android (android.graphics.Color)	4289235113 (0xFFA888A9)
YUV	149.3300, 9.6973, 16.3736
Hunter-Lab	53.6635, 12.9092, -8.1785

Details

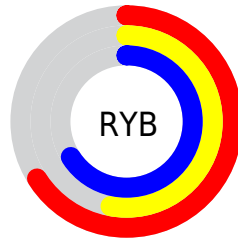
The XYZ color **32.1140, 28.7977, 41.4020** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.9494, 35.4726, 28.6151**, and the grayscale version is **28.6646, 30.1574, 32.8414**.

A 20% lighter version of the original color is **62.0836, 57.4650, 78.3407**, and **13.7411, 11.6529, 18.3546** is the 20% darker color. If you saturate the color by 10%, you get **29.8105, 24.3518, 40.6657**, and if you desaturate by 10%, it is **34.7949, 33.9969, 42.2647**.

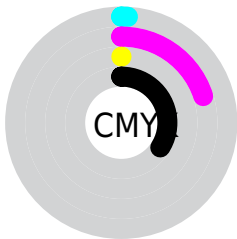
Distribution



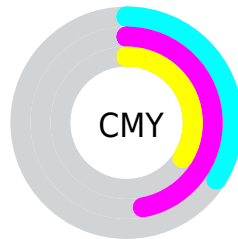
- Red (66%)
- Green (53%)
- Blue (66%)



- Red (66%)
- Yellow (53%)
- Blue (66%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1140, 28.7977, 41.4020 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 32.1140, 28.7977, 41.4020 by changing the saturation by 10% instead.


 32.1140, 28.7977,
41.4020


 32.1140, 28.7977,
41.4020


303.3743,
296.2593, 367.7242


 21.6046, 18.9278,
28.3113


 62.3538, 57.7555,
78.5541

 13.6816, 11.6181,
18.3193


 82.8148, 77.6123,
103.4525

 7.9798, 6.4842,
11.0077


 107.3237,
101.5667, 133.1238

 4.1337, 3.1417,
5.9578

136.2459,
130.0034, 167.9867

 1.7780, 1.2062,
2.7510

169.9467,
163.3066, 208.4597

 0.5044, 0.0667,
0.9690

208.7914,

 0.0000, 0.0000,

201.8607, 254.9612

0.0000

253.1455,
246.0501, 307.9099

■ 32.1140, 28.7977,
41.4020

■ 32.1140, 28.7977,
41.4020

■ 29.8105, 24.3518,
40.6657

■ 34.7949, 33.9969,
42.2647

■ 27.8644, 20.6204,
40.0480

■ 37.8671, 39.9784,
43.2573

■ 26.2575, 17.5668,
39.5433

■ 41.3468, 46.7744,
44.3857

■ 24.9691, 15.1497,
39.1447

■ 45.2486, 54.4139,
45.6546

■ 23.9763, 13.3232,
38.8444

■ 49.5864, 62.9248,
47.0687

■ 23.2531, 12.0351,
38.6339

■ 54.3735, 72.3336,
48.6325

■ 22.7690, 11.2246,
38.5030

■ 59.6224, 82.6654,
50.3501

■ 22.4604, 10.7644,
38.4304

■ 59.9562, 83.1663,
50.4292

■ 22.4466, 10.7444,
38.4273

■ 60.0689, 83.2244,
50.4345

Harmonies

Analogous

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



29.7325, 28.7977, 47.9939



32.1140, 28.7977, 41.4020



33.2305, 28.7977, 32.8539

Triad

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



32.1140, 28.7977, 41.4020



27.8896, 28.7977, 18.1250



22.6631, 28.7977, 38.4029

Complementary

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



32.1140, 28.7977, 41.4020



28.9494, 35.4726, 28.6151

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.



22.2448, 28.7977, 29.9039



32.1140, 28.7977, 41.4020



25.1386, 28.7977, 19.0902

Square

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



32.1140, 28.7977, 41.4020



30.6851, 28.7977, 20.1694



23.1203, 28.7977, 23.0823



24.3052, 28.7977, 46.0616

Rectangle

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



32.1140, 28.7977, 41.4020



33.0549, 28.7977, 27.5359



23.1203, 28.7977, 23.0823



22.3798, 28.7977, 35.5136

Sweetspot

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



32.1149, 28.7990, 41.4026



64.1150, 64.3861, 76.2736



26.2759, 26.0200, 41.1740



13.9025, 13.8937, 16.6011



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.1149, 28.7990, 41.4026



55.8331, 48.3248, 73.6100



30.9667, 28.3644, 34.2412



7.8191, 7.6549, 9.4838



16.7377, 8.0120, 28.6398



0.4139, 0.1984, 0.6971

Inverse Universe

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



29.6827, 27.8508, 27.4796



50.7585, 46.3479, 44.4943



29.9607, 35.8583, 34.7920



7.5400, 7.5459, 7.8947



12.2192, 6.2964, 0.7000



0.3001, 0.1543, 0.0317

Previews

White Background



This preview shows how the XYZ color 32.1140, 28.7977, 41.4020 looks on a white background.

Color Contrast Check

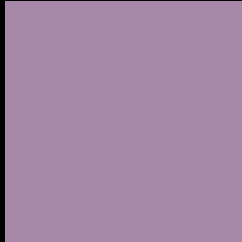
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1140, 28.7977, 41.4020 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 32.1140, 28.7977, 41.4020

Background



This preview shows how black text looks on a background with the XYZ color 32.1140, 28.7977, 41.4020.



This preview shows how white text looks on a background with the XYZ color 32.1140, 28.7977,

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

32.1140, 28.7977, 41.4020

Protanopia

28.6785, 28.9214, 44.6283

Deuteranopia

29.4680, 28.9561, 41.0817



Tritanopia

30.2547, 28.6666, 32.7928

Trichromacy



Original Color

32.1140, 28.7977, 41.4020

Protanomaly

29.7935, 28.8472, 43.5329

Deuteranomaly

30.3506, 28.7514, 40.9957

Tritanomaly

30.9002, 28.7183, 35.8129

Monochromacy



Original Color

32.1140, 28.7977, 41.4020

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.6843, 29.4147, 35.5656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1140, 28.7977, 41.4020 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(168, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 136, 169)  
}
```

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(168, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 136, 169) }
```

Border

The CSS property to change the border of an element to XYZ 32.1140, 28.7977, 41.4020 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(168, 136, 169) }
```


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

```
.border{ border-color:rgb(168, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 136,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1140, 28.7977, 41.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 136, 169) }
```

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

```
.background{ background-color: rgb(168,  
136, 169) }
```

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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