

Converting Colors

XYZ(34.7983, 28.6921, 26.9966)

Have a look what the booklet for
XYZ(34.7983, 28.6921, 26.9966)
contains.

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Color

**XYZ(34.7983, 28.6921,
26.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	C47F88
RGB	196, 127, 136
RGB Percent	77%, 50%, 53%
CMY	0.2314, 0.5019, 0.4667
CMYK	0.00, 0.35, 0.31, 0.23
HSL	352°, 37%, 63%
HSV	352°, 35%, 77%
XYZ	34.7983, 28.6921, 26.9966
YIQ	148.6570, 38.2350, 17.4270

Conversions

Conversions Part 2

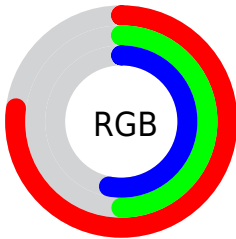
Format	Color
R _Y B	196, 127, 136
Decimal	12877704
CIE Lab	60.51, 27.91, 6.27
CIE LCh	61, 28.607, 12.654
Yxy	28.6921, 0.3846, 0.3171
Android (android.graphics.Color)	4291067784 (0xFFC47F88)
YUV	148.6570, -6.2399, 41.5198
Hunter-Lab	53.5650, 22.2231, 7.6135

Details

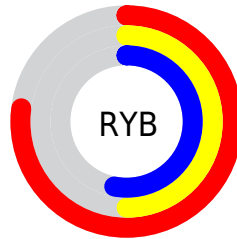
The XYZ color **34.7983, 28.6921, 26.9966** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4633, 47.5805, 54.2257**, and the grayscale version is **28.4378, 29.9188, 32.5816**.

A 20% lighter version of the original color is **66.3796, 57.3875, 55.7224**, and **15.1488, 11.5551, 10.2360** is the 20% darker color. If you saturate the color by 10%, you get **31.3922, 23.6667, 20.3526**, and if you desaturate by 10%, it is **38.8910, 34.7821, 34.8205**.

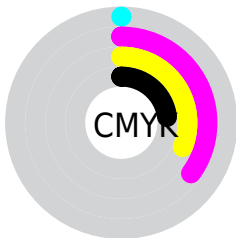
Distribution



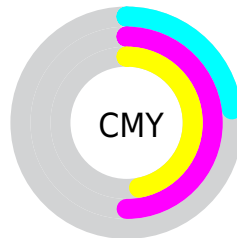
- Red (77%)
- Green (50%)
- Blue (53%)



- Red (77%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7983, 28.6921, 26.9966 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 34.7983, 28.6921, 26.9966 by changing the saturation by 10% instead.


 34.7983, 28.6921,
26.9966


 34.7983, 28.6921,
26.9966


315.2008,
295.7594, 301.4003


 23.6733, 18.8480,
17.3383


 66.5093, 57.5875,
55.8821

 15.2149, 11.5605,
10.3114


 87.8260, 77.4077,
75.9463

 9.0576, 6.4452,
5.4976


 113.2706,
101.3220, 100.3162

 4.8362, 3.1176,
2.4783

143.2086,
129.7148, 129.4104

 2.1852, 1.1934,
0.8286

178.0053,
162.9706, 163.6473

 0.7349, 0.0563,
0.0000

218.0259,

 0.0000, 0.0000,

201.4737, 203.4456

0.0000

263.6360,
245.6085, 249.2238

■ 34.7983, 28.6921,
26.9966

■ 34.7983, 28.6921,
26.9966

■ 31.3922, 23.6667,
20.3526

■ 38.8910, 34.7821,
34.8205

■ 28.6327, 19.6409,
14.8294

■ 43.7028, 41.9886,
43.8761

■ 26.4790, 16.5487,
10.3653

■ 49.2670, 50.3652,
54.2140

■ 24.8849, 14.3147,
6.8920

■ 55.6140, 59.9608,
65.8818

■ 23.7972, 12.8518,
4.3328

■ 62.7727, 70.8215,
78.9243

■ 23.1520, 12.0539,
2.5997

■ 70.7702, 82.9909,
93.3845

■ 22.9466, 11.8084,
2.0212

■ 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



34.6217, 28.6921, 37.7011



34.7983, 28.6921, 26.9966



32.8307, 28.6921, 19.3936

Triad

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



34.7983, 28.6921, 26.9966



22.7394, 28.6921, 18.5497



25.2093, 28.6921, 54.9350

Complementary

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



34.7983, 28.6921, 26.9966



37.4633, 47.5805, 54.2257

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.



22.3773, 28.6921, 47.1353



34.7983, 28.6921, 26.9966



21.0422, 28.6921, 25.5642

Square

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



34.7983, 28.6921, 26.9966



25.7457, 28.6921, 15.3095



20.9159, 28.6921, 35.9081



28.8554, 28.6921, 55.5650

Rectangle

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



34.7983, 28.6921, 26.9966



30.6628, 28.6921, 16.4413



20.9159, 28.6921, 35.9081



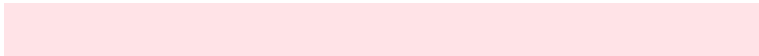
24.1390, 28.6921, 52.9958

Sweetspot

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



34.7991, 28.6935, 26.9972



83.0638, 81.9182, 86.7446



37.9987, 29.7053, 55.9557



17.4888, 17.0972, 18.0265



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.7991, 28.6935, 26.9972



58.3237, 45.0122, 39.7333



37.8737, 35.8233, 24.9989



10.1255, 10.0988, 10.7513



14.7624, 7.5947, 1.3947



0.6557, 0.3353, 0.1543

Inverse Universe

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



34.7991, 28.6935, 26.9972



58.3237, 45.0122, 39.7333



33.2237, 37.5114, 57.7141



10.1255, 10.0988, 10.7513



14.7624, 7.5947, 1.3947



0.6557, 0.3353, 0.1543

Previews

White Background



This preview shows how the XYZ color 34.7983, 28.6921, 26.9966 looks on a white background.

Color Contrast Check

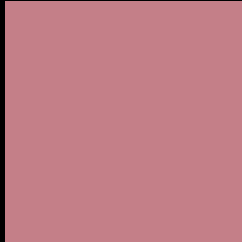
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7983, 28.6921, 26.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

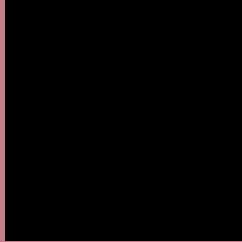
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7983, 28.6921, 26.9966

Background



This preview shows how black text looks on a background with the XYZ color 34.7983, 28.6921, 26.9966.



This preview shows how white text looks on a background with the XYZ color 34.7983, 28.6921,

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

34.7983, 28.6921, 26.9966

Protanopia

27.8616, 29.0227, 31.3276

Deuteranopia

29.2756, 28.7425, 26.1952



Tritanopia

34.7983, 28.6921, 26.9966

Trichromacy



Original Color

34.7983, 28.6921, 26.9966

Protanomaly

29.8410, 28.5252, 29.5243

Deuteranomaly

31.0117, 28.5597, 26.4323

Tritanomaly

34.7983, 28.6921, 26.9966

Monochromacy



Original Color

34.7983, 28.6921, 26.9966

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2848, 29.1704, 30.4198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7983, 28.6921, 26.9966 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(196, 127, 136)` looks like.

```
.text, #text, p{  
    color:rgb(196, 127, 136)  
}
```

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(196, 127, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 127, 136) }
```

Border

The CSS property to change the border of an element to XYZ 34.7983, 28.6921, 26.9966 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(196, 127, 136) }
```


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

```
.border{ border-color:rgb(196, 127, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 127, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 127, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 127, 136);  
box-shadow:4px 4px 4px 4px rgb(196, 127,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7983, 28.6921, 26.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 127, 136) }
```

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

```
.background{ background-color: rgb(196,  
127, 136) }
```

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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