

Converting Colors

XYZ(34.3359, 27.3040, 28.2714)

Have a look what the booklet for
XYZ(34.3359, 27.3040, 28.2714)
contains.

XYZ(34.3359, 27.3040, 28.2714)	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(34.3359, 27.3040,
28.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	C4798C
RGB	196, 121, 140
RGB Percent	77%, 47%, 55%
CMY	0.2314, 0.5255, 0.4510
CMYK	0.00, 0.38, 0.29, 0.23
HSL	345°, 39%, 62%
HSV	345°, 38%, 77%
XYZ	34.3359, 27.3040, 28.2714
YIQ	145.5910, 38.6010, 21.8090

Conversions

Conversions Part 2

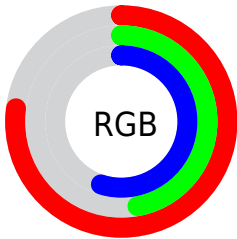
Format	Color
RYB	196, 121, 140
Decimal	12876172
CIELab	59.25, 31.73, 2.16
CIElCh	59, 31.801, 3.889
Yxy	27.3040, 0.3819, 0.3037
Android (android.graphics.Color)	4291066252 (0xFFC4798C)
YUV	145.5910, -2.7564, 44.2087
Hunter-Lab	52.2532, 25.8502, 4.4986

Details

The XYZ color **34.3359, 27.3040, 28.2714** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.5621, 46.7197, 48.7409**, and the grayscale version is **27.1549, 28.5691, 31.1117**.

A 20% lighter version of the original color is **65.6347, 55.1932, 57.6461**, and **14.9139, 10.8201, 10.9753** is the 20% darker color. If you saturate the color by 10%, you get **31.1831, 22.6121, 22.2456**, and if you desaturate by 10%, it is **38.1176, 33.0237, 35.2156**.

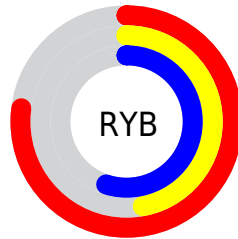
Distribution



Red (77%)

Green (47%)

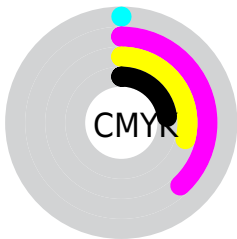
Blue (55%)



Red (77%)

Yellow (47%)

Blue (55%)

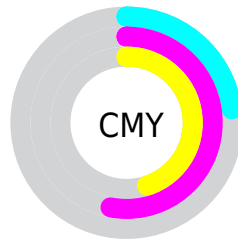


Cyan (0%)

Magenta (38%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3359, 27.3040, 28.2714 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 34.3359, 27.3040, 28.2714 by changing the saturation by 10% instead.


 34.3359, 27.3040,
28.2714


 34.3359, 27.3040,
28.2714


313.1869,
289.1260, 307.7141


 23.3159, 17.8017,
18.2895


 65.7965, 55.3713,
57.9458

 14.9489, 10.8077,
10.9865


 86.9678, 74.7051,
78.4753

 8.8696, 5.9377,
5.9437


 112.2536, 98.0848,
103.3579

 4.7127, 2.8072,
2.7426

142.0192,
125.8948, 133.0119

 2.1127, 1.0319,
0.9648

176.6299,
158.5195, 167.8560

 0.6961, 0.0000,
0.0000

216.4512,

 0.0000, 0.0000,

196.3434, 208.3088

0.0000

261.8484,
239.7508, 254.7886

■ 34.3359, 27.3040,
28.2714

■ 34.3359, 27.3040,
28.2714

■ 31.1831, 22.6121,
22.2456

■ 38.1176, 33.0237,
35.2156

■ 28.6220, 18.8828,
17.0972

■ 42.5584, 39.8235,
43.1137

■ 26.6144, 16.0497,
12.7842


■ 47.6890, 47.7566,
52.0010


■ 25.1170, 14.0359,
9.2604


■ 53.5376, 56.8718,
61.9106

■ 24.0793, 12.7519,
6.4746

■ 60.1308, 67.2148,
72.8741

 23.4260, 12.0593,
4.3640

 67.4938, 78.8291,
84.9217

 23.3330, 11.9630,
4.0568

 74.6196, 89.6936,
97.7386

 76.5749, 90.4758,
108.0354

Harmonies

Analogous

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



33.4264, 27.3040, 40.4252



34.3359, 27.3040, 28.2714



32.8173, 27.3040, 19.1307

Triad

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



34.3359, 27.3040, 28.2714



21.9242, 27.3040, 15.0249



22.7352, 27.3040, 53.9947

Complementary

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



34.3359, 27.3040, 28.2714



35.5621, 46.7197, 48.7409

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.



20.1172, 27.3040, 43.6595



34.3359, 27.3040, 28.2714



19.6836, 27.3040, 21.1092

Square

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



34.3359, 27.3040, 28.2714



25.4374, 27.3040, 12.8185



19.0571, 27.3040, 31.2367



26.4727, 27.3040, 57.3063

Rectangle

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



34.3359, 27.3040, 28.2714



30.7149, 27.3040, 15.3356



19.0571, 27.3040, 31.2367



21.7082, 27.3040, 51.1167

Sweetspot

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



34.3367, 27.3053, 28.2719



83.5546, 82.1145, 89.3290



34.7067, 26.8919, 55.5859



17.6049, 17.1437, 18.6380



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.



34.3367, 27.3053, 28.2719



57.2986, 42.1562, 41.8756



35.3775, 31.4384, 22.2946



10.1755, 10.1188, 11.0149



15.0224, 7.6987, 2.7639



0.6780, 0.3442, 0.2718

Inverse Universe

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



34.3367, 27.3053, 28.2719



57.2986, 42.1562, 41.8756



33.8700, 40.0915, 58.1778



10.1755, 10.1188, 11.0149



15.0224, 7.6987, 2.7639



0.6780, 0.3442, 0.2718

Previews

White Background



This preview shows how the XYZ color 34.3359, 27.3040, 28.2714 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 34.3359, 27.3040, 28.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

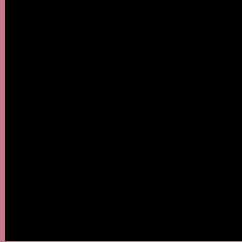
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3359, 27.3040, 28.2714

Background



This preview shows how black text looks on a background with the XYZ color 34.3359, 27.3040, 28.2714.



This preview shows how white text looks on a background with the XYZ color 34.3359, 27.3040,

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

34.3359, 27.3040, 28.2714

Protanopia

26.6682, 27.4526, 33.5991

Deuteranopia

27.9019, 27.3540, 27.4762



Tritanopia

33.6301, 27.1871, 25.3049

Trichromacy



Original Color

34.3359, 27.3040, 28.2714

Protanomaly

28.7707, 26.8697, 31.6870

Deuteranomaly

29.8520, 27.1082, 27.7038

Tritanomaly

33.8384, 27.2704, 26.4019

Monochromacy



Original Color

34.3359, 27.3040, 28.2714

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.2895, 27.7975, 30.2073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3359, 27.3040, 28.2714 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, 121, 140)` looks like.

```
.text, #text, p{  
    color:rgb(196, 121, 140)  
}
```

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, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 121, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.3359, 27.3040, 28.2714 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, 121, 140) }
```


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

```
.border{ border-color:rgb(196, 121, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 121, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(196, 121,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3359, 27.3040, 28.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 121, 140) }
```

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

```
.background{ background-color: rgb(196,  
121, 140) }
```

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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