

Converting Colors

XYZ(34.4091, 29.4191, 23.9447)

Have a look what the booklet for
XYZ(34.4091, 29.4191, 23.9447)
contains.

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Color

**XYZ(34.4527, 29.3670,
23.9312)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C3837F |
| RGB | 195, 131, 127 |
| RGB Percent | 76%, 51%, 50% |
| CMY | 0.2353, 0.4863, 0.5020 |
| CMYK | 0.00, 0.33, 0.35, 0.24 |
| HSL | 4°, 36%, 63% |
| HSV | 4°, 35%, 76% |
| XYZ | 34.4527, 29.3670, 23.9312 |
| YIQ | 149.6800, 39.4280, 12.3240 |

Conversions

Conversions Part 2

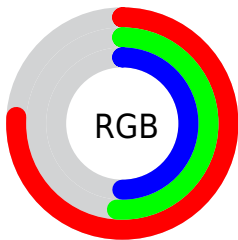
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 195, 131, 127 |
| Decimal | 12813183 |
| CIELab | 61.10, 24.16, 12.24 |
| CIELCh | 61, 27.083, 26.870 |
| Yxy | 29.3670, 0.3926, 0.3347 |
| Android (android.graphics.Color) | 4291003263 (0xFFC3837F) |
| YUV | 149.6800, -11.1812, 39.7456 |
| Hunter-Lab | 54.1913, 18.6484, 11.7511 |

Details

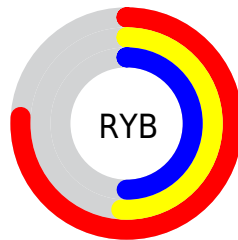
The XYZ color **34.4527, 29.3670, 23.9312** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2327, 45.7119, 58.4906**, and the grayscale version is **28.8887, 30.3931, 33.0981**.

A 20% lighter version of the original color is **65.8867, 58.4589, 50.9911**, and **14.9650, 11.9239, 8.7205** is the 20% darker color. If you saturate the color by 10%, you get **31.0525, 24.4073, 17.1229**, and if you desaturate by 10%, it is **38.5370, 35.3010, 32.1816**.

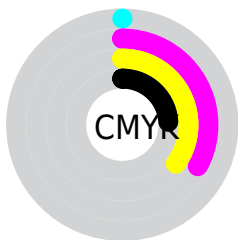
Distribution



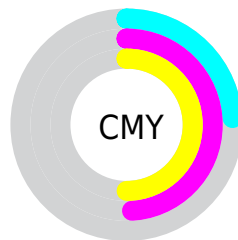
- Red (76%)
- Green (51%)
- Blue (50%)



- Red (76%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (35%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4527, 29.3670, 23.9312 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 34.4527, 29.3670, 23.9312 by changing the saturation by 10% instead.


 34.4527, 29.3670,
23.9312


 34.4527, 29.3670,
23.9312


313.6964,
298.9426, 285.7478


 23.4061, 19.3586,
15.0709


 65.9767, 58.6597,
50.8603

 15.0160, 11.9297,
8.7220


 87.1848, 78.7128,
69.7662

 8.9170, 6.6958,
4.4659


 112.5108,
102.8829, 92.8577

 4.7438, 3.2726,
1.8843

142.3200,
131.5544, 120.5533

 2.1309, 1.2757,
0.4827

176.9778,
165.1118, 153.2715

 0.7059, 0.1222,
0.0000

216.8496,

 0.0000, 0.0000,

203.9393, 191.4310

0.0000

262.3007,
248.4215, 235.4503

■ 34.4527, 29.3670,
23.9312

■ 34.4527, 29.3670,
23.9312

■ 31.0525, 24.4073,
17.1229

■ 38.5370, 35.3010,
32.1816

■ 28.2967, 20.3659,
11.6723

■ 43.3376, 42.2531,
41.9484

■ 26.1454, 17.1876,
7.4889

■ 48.8872, 50.2693,
53.3030

■ 24.5529, 14.8096,
4.4703

■ 55.2161, 59.3918,
66.3117

■ 23.4673, 13.1606,
2.4985

■ 62.3528, 69.6603,
81.0371

■ 22.8267, 12.1565,
1.4305

■ 70.3244, 81.1127,
97.5385

■ 22.6309, 11.8527,
1.0950

■ 76.3156, 90.3421,
108.0232

Harmonies

Analogous

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



35.2955, 29.3670, 33.0546



34.4527, 29.3670, 23.9312



31.8105, 29.3670, 18.2432

Triad

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



34.4527, 29.3670, 23.9312



22.5791, 29.3670, 22.4399



27.5416, 29.3670, 55.7281

Complementary

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



34.4527, 29.3670, 23.9312



37.2327, 45.7119, 58.4906

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.



24.3466, 29.3670, 51.2925



34.4527, 29.3670, 23.9312



21.6382, 29.3670, 30.9205

Square

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



34.4527, 29.3670, 23.9312



24.9405, 29.3670, 17.5190



22.2572, 29.3670, 41.6468



31.1116, 29.3670, 52.7685

Rectangle

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



34.4527, 29.3670, 23.9312



29.4914, 29.3670, 16.4699



22.2572, 29.3670, 41.6468



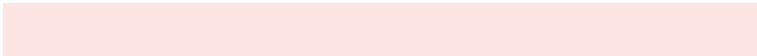
26.3909, 29.3670, 55.0333

Sweetspot

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



34.4535, 29.3684, 23.9318



82.1356, 82.2050, 84.3596



39.5653, 30.5691, 53.4522



17.6792, 17.5576, 17.8448



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.



34.4535, 29.3684, 23.9318



56.8656, 45.5409, 33.1593



39.6837, 39.8289, 25.6752



10.1198, 10.1709, 10.4917



14.7302, 7.7461, 0.7188



0.6532, 0.3682, 0.0366

Inverse Universe

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



37.2327, 45.7119, 58.4906



62.5897, 79.2436, 104.4665



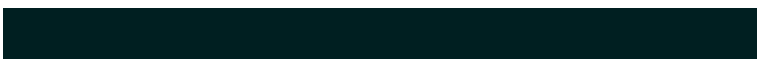
30.7617, 32.7699, 56.3336



10.3161, 11.3235, 12.9268



17.4994, 24.7553, 37.4125



0.7718, 1.1010, 1.6217

Previews

White Background



This preview shows how the XYZ color 34.4527, 29.3670, 23.9312 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 34.4527, 29.3670, 23.9312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

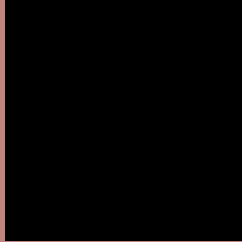
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4527, 29.3670, 23.9312

Background



This preview shows how black text looks on a background with the XYZ color 34.4527, 29.3670, 23.9312.



This preview shows how white text looks on a background with the XYZ color 34.4527, 29.3670,

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

34.4527, 29.3670, 23.9312

Protanopia

27.9438, 29.3890, 27.1215

Deuteranopia

29.9522, 29.3727, 23.4929



Tritanopia

35.2754, 29.3004, 28.2224

Trichromacy



Original Color

34.4527, 29.3670, 23.9312

Protanomaly

29.8382, 29.0405, 25.8625

Deuteranomaly

31.4448, 29.2670, 23.7304

Tritanomaly

35.1208, 29.4503, 26.7551

Monochromacy



Original Color

34.4527, 29.3670, 23.9312

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.4308, 29.7049, 29.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4527, 29.3670, 23.9312 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(195, 131, 127)` looks like.

```
.text, #text, p{  
    color:rgb(195, 131, 127)  
}
```

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(195, 131, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 131, 127) }
```

Border

The CSS property to change the border of an element to XYZ 34.4527, 29.3670, 23.9312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

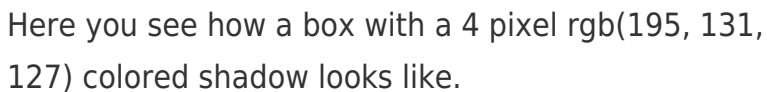
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 131, 127) }
```


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

```
.border{ border-color:rgb(195, 131, 127) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 131, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 131, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 131, 127); box-shadow:4px 4px 4px 4px rgb(195, 131, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4527, 29.3670, 23.9312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 131, 127) }
```

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

```
.background{ background-color: rgb(195,  
131, 127) }
```

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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