

Converting Colors

XYZ(34.0304, 29.0878, 23.5494)

Have a look what the booklet for
XYZ(34.0304, 29.0878, 23.5494)
contains.

XYZ(34.1303, 29.2083, 23.5776)	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(34.1303, 29.2083,
23.5776)**

Conversions

Conversions Part 1

Format	Color
Hex	C2837E
RGB	194, 131, 126
RGB Percent	76%, 51%, 49%
CMY	0.2392, 0.4863, 0.5059
CMYK	0.00, 0.32, 0.35, 0.24
HSL	4°, 36%, 63%
HSV	4°, 35%, 76%
XYZ	34.1303, 29.2083, 23.5776
YIQ	149.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

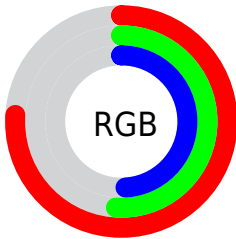
Format	Color
RYB	194, 131, 126
Decimal	12747646
CIELab	60.97, 23.64, 12.60
CIElCh	61, 26.790, 28.051
Yxy	29.2083, 0.3927, 0.3361
Android (android.graphics.Color)	4290937726 (0xFFC2837E)
YUV	149.2670, -11.4706, 39.2308
Hunter-Lab	54.0447, 18.1481, 11.9654

Details

The XYZ color **34.1303, 29.2083, 23.5776** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5386, 44.7241, 57.7457**, and the grayscale version is **28.7154, 30.2109, 32.8996**.

A 20% lighter version of the original color is **65.4221, 58.2311, 50.4394**, and **14.7632, 11.8240, 8.5253** is the 20% darker color. If you saturate the color by 10%, you get **30.7898, 24.3401, 16.8755**, and if you desaturate by 10%, it is **38.1338, 35.0138, 31.6990**.

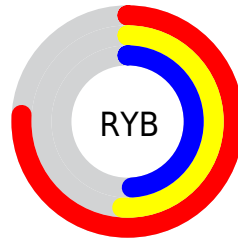
Distribution



Red (76%)

Green (51%)

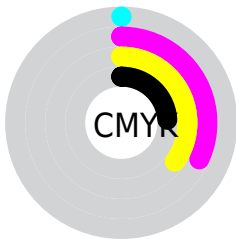
Blue (49%)



Red (76%)

Yellow (51%)

Blue (49%)

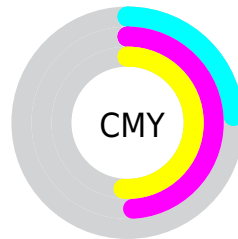


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1303, 29.2083, 23.5776 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 34.1303, 29.2083, 23.5776 by changing the saturation by 10% instead.


 34.1303, 29.2083,
23.5776


 34.1303, 29.2083,
23.5776


312.2884,
298.1965, 283.8954


 23.1571, 19.2385,
14.8113


 65.4792, 58.4079,
50.2752

 14.8309, 11.8427,
8.5419


 86.5856, 78.4064,
69.0435

 8.7863, 6.6367,
4.3509

 111.8004,
102.5166, 91.9830

 4.6581, 3.2359,
1.8198

141.4890,
131.1228, 119.5120

 2.0807, 1.2561,
0.4409

176.0167,
164.6096, 152.0493

 0.6787, 0.1068,
0.0000

215.7490,

 0.0000, 0.0000,

203.3612, 190.0132

0.0000

261.0511,
247.7620, 233.8224

■ 34.1303, 29.2083,
23.5776

■ 34.1303, 29.2083,
23.5776

■ 30.7898, 24.3401,
16.8755

■ 38.1338, 35.0138,
31.6990

■ 28.0743, 20.3561,
11.5094

■ 42.8311, 41.7978,
41.3128

■ 25.9455, 17.2044,
7.3904

■ 48.2536, 49.6038,
52.4892

■ 24.3598, 14.8259,
4.4177

■ 54.4304, 58.4719,
65.2936

■ 23.2678, 13.1539,
2.4751

■ 61.3888, 68.4397,
79.7874

■ 22.6105, 12.1100,
1.4215

■ 69.1549, 79.5431,
96.0291

■ 22.4089, 11.7909,
1.0948

■ 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



35.0405, 29.2083, 32.4625



34.1303, 29.2083, 23.5776



31.4749, 29.2083, 18.0988

Triad

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



34.1303, 29.2083, 23.5776



22.4369, 29.2083, 22.6603



27.5335, 29.2083, 55.1991

Complementary

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



34.1303, 29.2083, 23.5776



36.5386, 44.7241, 57.7457

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.



24.3525, 29.2083, 51.1066



34.1303, 29.2083, 23.5776



21.5677, 29.2083, 31.1523

Square

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



34.1303, 29.2083, 23.5776



24.7174, 29.2083, 17.6526



22.2390, 29.2083, 41.7481



31.0460, 29.2083, 52.0107

Rectangle

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



34.1303, 29.2083, 23.5776



29.1775, 29.2083, 16.4354



22.2390, 29.2083, 41.7481



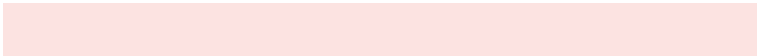
26.3923, 29.2083, 54.6145

Sweetspot

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



34.1311, 29.2097, 23.5782



81.2488, 80.9857, 82.3554



38.9451, 30.0857, 52.1646



17.5023, 17.3169, 17.4373



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.



34.1311, 29.2097, 23.5782



57.1218, 46.0532, 33.2447



39.3852, 39.7181, 25.3296



10.1314, 10.1943, 10.4956



14.7568, 7.7994, 0.7277



0.6585, 0.3788, 0.0384

Inverse Universe

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



36.5386, 44.7241, 57.7457



62.1169, 78.2980, 104.3089



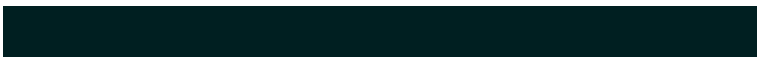
30.1412, 31.9293, 55.6132



10.3031, 11.2975, 12.9224



17.1224, 24.0012, 37.2869



0.7591, 1.0756, 1.6175

Previews

White Background



This preview shows how the XYZ color 34.1303, 29.2083, 23.5776 looks on a white background.

Color Contrast Check

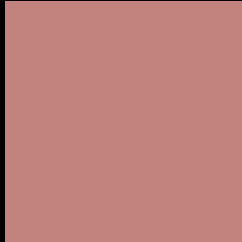
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1303, 29.2083, 23.5776 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 34.1303, 29.2083, 23.5776

Background



This preview shows how black text looks on a background with the XYZ color 34.1303, 29.2083, 23.5776.



This preview shows how white text looks on a background with the XYZ color 34.1303, 29.2083,

23.5776.

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

34.1303, 29.2083, 23.5776

Protanopia

27.8737, 29.3610, 26.7524

Deuteranopia

29.8887, 29.3473, 23.1581



Tritanopia

35.0161, 29.1667, 28.2103

Trichromacy



Original Color

34.1303, 29.2083, 23.5776

Protanomaly

29.7701, 29.0133, 25.5038

Deuteranomaly

31.3806, 29.2413, 23.3922

Tritanomaly

34.7914, 29.2886, 26.3738

Monochromacy



Original Color

34.1303, 29.2083, 23.5776

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.9978, 29.2684, 29.2676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1303, 29.2083, 23.5776 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(194, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(194, 131, 126)  
}
```

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(194, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 131, 126) }
```

Border

The CSS property to change the border of an element to XYZ 34.1303, 29.2083, 23.5776 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(194, 131, 126) }
```


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

```
.border{ border-color:rgb(194, 131, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 131, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 131, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 131, 126);  
box-shadow:4px 4px 4px 4px rgb(194, 131,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1303, 29.2083, 23.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 131, 126) }
```

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

```
.background{ background-color: rgb(194,  
131, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor