

Converting Colors

XYZ(34.4784, 23.3443, 32.3397)

Have a look what the booklet for
XYZ(34.4784, 23.3443, 32.3397)
contains.

| | |
|--|----|
| XYZ(34.4790, 23.3293, 32.3915) | 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(34.4790, 23.3293,
32.3915)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CB6098 |
| RGB | 203, 96, 152 |
| RGB Percent | 80%, 38%, 60% |
| CMY | 0.2039, 0.6235, 0.4039 |
| CMYK | 0.00, 0.53, 0.25, 0.20 |
| HSL | 329°, 51%, 59% |
| HSV | 329°, 53%, 80% |
| XYZ | 34.4790, 23.3293, 32.3915 |
| YIQ | 134.3770, 45.7960, 40.1000 |

Conversions

Conversions Part 2

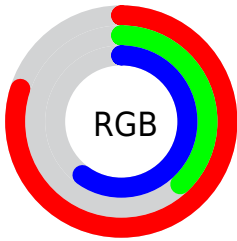
| Format | Color |
|-------------------------------------|--|
| RYB | 203, 96, 152 |
| Decimal | 13328536 |
| CIELab | 55.41, 48.79, -10.39 |
| CIElCh | 55, 49.888, 347.978 |
| Yxy | 23.3293, 0.3823, 0.2586 |
| Android (android.graphics.Color) | 4291518616 (0xFFCB6098) |
| YUV | 134.3770, 8.6881, 60.1824 |
| Hunter-Lab | 48.3004, 42.8956, -5.9511 |

Details

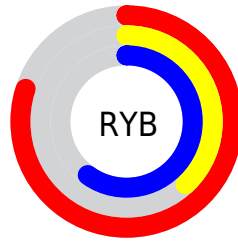
The XYZ color **34.4790, 23.3293, 32.3915** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.4475, 47.3060, 35.0798**, and the grayscale version is **22.7567, 23.9419, 26.0727**.

A 20% lighter version of the original color is **63.2869, 47.5289, 64.2309**, and **15.0310, 8.7065, 13.2002** is the 20% darker color. If you saturate the color by 10%, you get **32.0998, 19.7878, 27.8466**, and if you desaturate by 10%, it is **37.4023, 27.8552, 37.4372**.

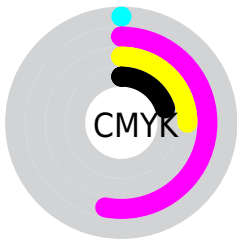
Distribution



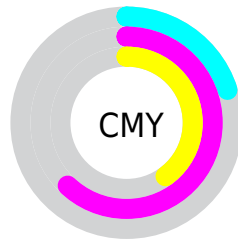
- Red (80%)
- Green (38%)
- Blue (60%)



- Red (80%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (53%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4790, 23.3293, 32.3915 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 34.4790, 23.3293, 32.3915 by changing the saturation by 10% instead.


 34.4790, 23.3293,
32.3915


 34.4790, 23.3293,
32.3915

313.8111,
269.4119, 327.4463

 23.4265, 14.8368,
21.3934


 66.0172, 48.9335,
64.5294


 15.0311, 8.7050,
13.2178


 87.2336, 66.8140,
86.5062

 8.9277, 4.5492,
7.4462


 112.5686, 88.5926,
112.9797

 4.7508, 1.9853,
3.6601

 142.3877,
114.6538, 144.3685

 2.1350, 0.5989,
1.4408

177.0561,
145.3820, 181.0910

 0.7082, 0.0000,
0.1732

216.9392,

 0.0000, 0.0000,

181.1614, 223.5657

0.0000

262.4025,
222.3766, 272.2113

■ 34.4790, 23.3293,
32.3915

■ 34.4790, 23.3293,
32.3915

■ 32.0998, 19.7878,
27.8466

■ 37.4023, 27.8552,
37.4372

■ 30.2236, 17.1514,
23.7806

■ 40.9029, 33.4299,
43.0015

■ 28.8063, 15.3342,
20.1712

■ 45.0133, 40.1162,
49.1025

■ 27.7941, 14.2317,
16.9923

■ 49.7632, 47.9711,
55.7569

■ 27.2426, 13.7421,
14.9174

■ 55.1801, 57.0474,
62.9807

■ 61.2900, 67.3951,
70.7888

■ 68.1173, 79.0609,
79.1957

■ 74.5889, 89.8967,
87.8500

■ 75.9815, 90.4537,
95.1830

Harmonies

Analogous

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



31.1864, 23.3293, 52.1858



34.4790, 23.3293, 32.3915



34.0914, 23.3293, 17.0135

Triad

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



34.4790, 23.3293, 32.3915



19.0098, 23.3293, 5.8967



15.7111, 23.3293, 55.9380

Complementary

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



34.4790, 23.3293, 32.3915



31.4475, 47.3060, 35.0798

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.



13.4183, 23.3293, 36.1735



34.4790, 23.3293, 32.3915



15.0900, 23.3293, 9.8311

Square

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



34.4790, 23.3293, 32.3915



24.4963, 23.3293, 5.5886



13.2119, 23.3293, 19.4975



20.0030, 23.3293, 69.1522

Rectangle

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



34.4790, 23.3293, 32.3915



31.8045, 23.3293, 10.7447



13.2119, 23.3293, 19.4975



14.7146, 23.3293, 49.5339

Sweetspot

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



34.4797, 23.3305, 32.3919



80.4126, 75.4846, 89.3480



26.8058, 18.7839, 58.7130



16.8544, 15.5657, 18.6248



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.



34.4797, 23.3305, 32.3919



53.3525, 32.5592, 45.8159



31.0918, 21.9753, 14.5514



11.4534, 11.3101, 12.9225



17.3834, 8.7639, 9.7374



0.9350, 0.4674, 0.7036

Inverse Universe

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



34.4797, 23.3305, 32.3919



53.3525, 32.5592, 45.8159



36.5398, 49.3429, 61.8956



11.4534, 11.3101, 12.9225



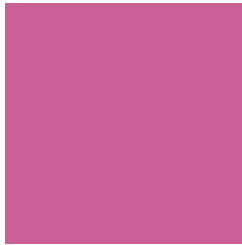
17.3834, 8.7639, 9.7374



0.9350, 0.4674, 0.7036

Previews

White Background



This preview shows how the XYZ color 34.4790, 23.3293, 32.3915 looks on a white background.

Color Contrast Check

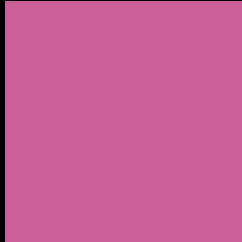
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4790, 23.3293, 32.3915 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 34.4790, 23.3293, 32.3915

Background



This preview shows how black text looks on a background with the XYZ color 34.4790, 23.3293, 32.3915.



This preview shows how white text looks on a background with the XYZ color 34.4790, 23.3293,

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

34.4790, 23.3293, 32.3915

Protanopia

23.9729, 23.7021, 44.3857

Deuteranopia

24.0643, 23.6473, 30.8998



Tritanopia

31.4281, 23.2126, 18.1533

Trichromacy



Original Color

34.4790, 23.3293, 32.3915

Protanomaly

26.3344, 22.5630, 39.5263

Deuteranomaly

27.0075, 22.9133, 31.4330

Tritanomaly

32.3039, 23.1190, 22.8385

Monochromacy



Original Color

34.4790, 23.3293, 32.3915

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.8223, 22.7270, 28.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4790, 23.3293, 32.3915 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(203, 96, 152)` looks like.

```
.text, #text, p{  
    color:rgb(203, 96, 152)  
}
```

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(203, 96, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 96, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.4790, 23.3293, 32.3915 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(203, 96, 152) }
```


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

```
.border{ border-color:rgb(203, 96, 152) }
```

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

Here you see how a box with a 4 pixel rgb(203, 96, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 96, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 96, 152);  
box-shadow:4px 4px 4px 4px rgb(203, 96,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4790, 23.3293, 32.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 96, 152) }
```

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

```
.background{ background-color: rgb(203, 96,  
152) }
```

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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