

Converting Colors

XYZ(32.0712, 23.1212, 23.8912)

Have a look what the booklet for
XYZ(32.0712, 23.1212, 23.8912)
contains.

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Color

**XYZ(32.0693, 23.1202,
23.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	C66682
RGB	198, 102, 130
RGB Percent	78%, 40%, 51%
CMY	0.2235, 0.6000, 0.4902
CMYK	0.00, 0.48, 0.34, 0.22
HSL	343°, 46%, 59%
HSV	343°, 48%, 78%
XYZ	32.0693, 23.1202, 23.8915
YIQ	133.8960, 48.2280, 29.0600

Conversions

Conversions Part 2

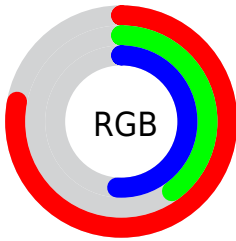
Format	Color
R_{YB}	198, 102, 130
Decimal	13002370
CIE _{Lab}	55.20, 41.21, 2.12
CIE _{LCh}	55, 41.262, 2.946
Yxy	23.1202, 0.4055, 0.2924
Android (android.graphics.Color)	4291192450 (0xFFC66682)
YUV	133.8960, -1.9207, 56.2192
Hunter-Lab	48.0835, 34.9046, 4.1987

Details

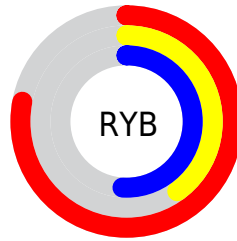
The XYZ color **32.0693, 23.1202, 23.8915** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **32.9304, 46.1157, 45.1983**, and the grayscale version is **22.6169, 23.7947, 25.9125**.

A 20% lighter version of the original color is **61.5086, 48.1216, 50.8463**, and **13.6535, 8.6245, 8.7296** is the 20% darker color. If you saturate the color by 10%, you get **29.4724, 19.3318, 18.6934**, and if you desaturate by 10%, it is **35.2604, 27.8916, 29.9213**.

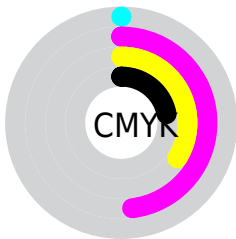
Distribution



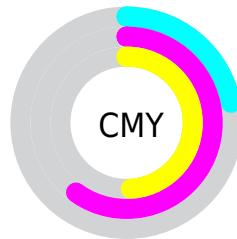
- Red (78%)
- Green (40%)
- Blue (51%)



- Red (78%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (48%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0693, 23.1202, 23.8915 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 32.0693, 23.1202, 23.8915 by changing the saturation by 10% instead.

 32.0693, 23.1202,
23.8915


 32.0693, 23.1202,
23.8915


303.1745,
268.3418, 285.5404


 21.5702, 14.6823,
15.0417


 62.2842, 48.5906,
50.7947


 13.6563, 8.5967,
8.7017


 82.7307, 66.3919,
69.6852

 7.9621, 4.4791,
4.4530

 107.2238, 88.0831,
92.7596

 4.1223, 1.9450,
1.8770

 136.1287,
114.0487, 120.4366

 1.7716, 0.5752,
0.4780

169.8109,
144.6729, 153.1346

 0.5004, 0.0000,
0.0000

208.6357,

 0.0000, 0.0000,

180.3402, 191.2722

0.0000

252.9684,
221.4350, 235.2679

■ 32.0693, 23.1202,
23.8915

■ 32.0693, 23.1202,
23.8915

■ 29.4724, 19.3318,
18.6934

■ 35.2604, 27.8916,
29.9213

■ 27.4292, 16.4536,
14.2874

■ 39.0792, 33.7051,
36.8173

■ 25.8966, 14.4083,
10.6321


■ 43.5584, 40.6191,
44.6134


■ 24.8238, 13.1039,
7.6815


■ 48.7284, 48.6868,
53.3413


■ 24.1335, 12.3959,
5.3779


■ 54.6171, 57.9579,
63.0311

 24.0459, 12.3086,
5.0772

 61.2513, 68.4791,
73.7116

 68.6561, 80.2947,
85.4101

 75.1067, 89.9490,
97.5702

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



30.8522, 23.1202, 38.5753



32.0693, 23.1202, 23.8915



30.2845, 23.1202, 13.7378

Triad

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



32.0693, 23.1202, 23.8915



17.4982, 23.1202, 9.3148



18.1850, 23.1202, 55.2257

Complementary

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



32.0693, 23.1202, 23.8915



32.9304, 46.1157, 45.1983

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.



15.3443, 23.1202, 41.6580



32.0693, 23.1202, 23.8915



14.9884, 23.1202, 15.3031

Square

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



32.0693, 23.1202, 23.8915



21.5226, 23.1202, 7.3799



14.2582, 23.1202, 26.5015



22.4338, 23.1202, 59.9895

Rectangle

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



32.0693, 23.1202, 23.8915



27.7606, 23.1202, 9.8631



14.2582, 23.1202, 26.5015



17.0549, 23.1202, 51.3549

Sweetspot

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



32.0699, 23.1214, 23.8919



79.9788, 76.3531, 83.8519



31.3505, 22.0384, 56.0275



16.7156, 15.7153, 17.2615



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.



32.0699, 23.1214, 23.8919



52.0319, 34.0058, 32.7737



32.5495, 26.6897, 16.0080



10.7590, 10.6870, 11.7141



15.6704, 8.0177, 3.4743



0.7742, 0.3925, 0.3340

Inverse Universe

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



32.0699, 23.1214, 23.8919



52.0319, 34.0058, 32.7737



31.7534, 39.0629, 59.2923



10.7590, 10.6870, 11.7141



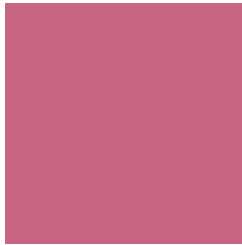
15.6704, 8.0177, 3.4743



0.7742, 0.3925, 0.3340

Previews

White Background



This preview shows how the XYZ color 32.0693, 23.1202, 23.8915 looks on a white background.

Color Contrast Check

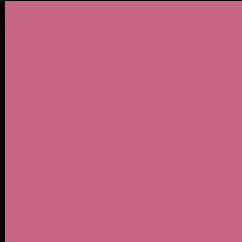
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0693, 23.1202, 23.8915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

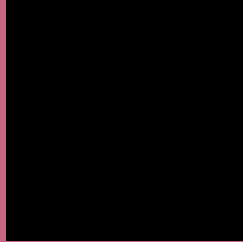
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0693, 23.1202, 23.8915

Background



This preview shows how black text looks on a background with the XYZ color 32.0693, 23.1202, 23.8915.



This preview shows how white text looks on a background with the XYZ color 32.0693, 23.1202,

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

32.0693, 23.1202, 23.8915

Protanopia

22.9566, 23.4659, 31.3364

Deuteranopia

23.6978, 23.2406, 22.9755



Tritanopia

31.0582, 23.1657, 18.4573

Trichromacy



Original Color

32.0693, 23.1202, 23.8915

Protanomaly

25.1627, 22.5664, 28.2288

Deuteranomaly

26.1535, 22.8329, 23.1074

Tritanomaly

31.3060, 23.1029, 20.2621

Monochromacy



Original Color

32.0693, 23.1202, 23.8915

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.0978, 22.7806, 25.2646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0693, 23.1202, 23.8915 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(198, 102, 130)` looks like.

```
.text, #text, p{  
    color:rgb(198, 102, 130)  
}
```

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(198, 102, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 102, 130) }
```

Border

The CSS property to change the border of an element to XYZ 32.0693, 23.1202, 23.8915 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(198, 102, 130) }
```


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

```
.border{ border-color:rgb(198, 102, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 102, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 102, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 102, 130);  
box-shadow:4px 4px 4px 4px rgb(198, 102,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0693, 23.1202, 23.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 102, 130) }
```

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

```
.background{ background-color: rgb(198,  
102, 130) }
```

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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