

Converting Colors

XYZ(32.9695, 23.2814, 24.7190)

Have a look what the booklet for
XYZ(32.9695, 23.2814, 24.7190)
contains.

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Color

**XYZ(32.8094, 23.1978,
24.5782)**

Conversions

Conversions Part 1

Format	Color
Hex	C96484
RGB	201, 100, 132
RGB Percent	79%, 39%, 52%
CMY	0.2118, 0.6078, 0.4823
CMYK	0.00, 0.50, 0.34, 0.21
HSL	341°, 48%, 59%
HSV	341°, 50%, 79%
XYZ	32.8094, 23.1978, 24.5782
YIQ	133.8470, 49.9240, 31.3640

Conversions

Conversions Part 2

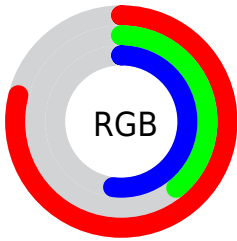
Format	Color
R_{YB}	201, 100, 132
Decimal	13198468
CIE _{Lab}	55.28, 43.52, 1.11
CIE _{LCh}	55, 43.536, 1.465
Yxy	23.1978, 0.4071, 0.2879
Android (android.graphics.Color)	4291388548 (0xFFC96484)
YUV	133.8470, -0.9106, 58.8932
Hunter-Lab	48.1641, 37.3071, 3.4591

Details

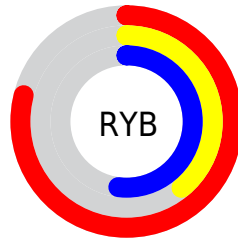
The XYZ color **32.8094, 23.1978, 24.5782** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.3048, 47.3477, 44.9224**, and the grayscale version is **22.5950, 23.7717, 25.8873**.

A 20% lighter version of the original color is **61.3882, 47.5452, 51.8406**, and **14.1199, 8.6677, 9.1125** is the 20% darker color. If you saturate the color by 10%, you get **30.2352, 19.4555, 19.3850**, and if you desaturate by 10%, it is **35.9842, 27.9430, 30.5824**.

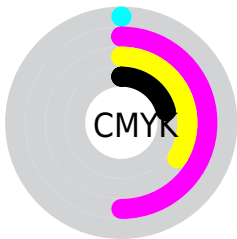
Distribution



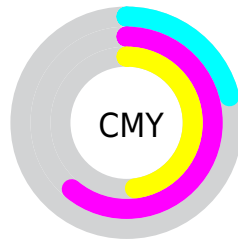
- Red (79%)
- Green (39%)
- Blue (52%)



- Red (79%)
- Yellow (39%)
- Blue (52%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (21%)





- Cyan (21%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8094, 23.1978, 24.5782 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 32.8094, 23.1978, 24.5782 by changing the saturation by 10% instead.


 32.8094, 23.1978,
24.5782


 32.8094, 23.1978,
24.5782


306.4702,
268.7393, 289.1109

 22.1390, 14.7396,
15.5469


 63.4345, 48.7179,
51.9277

 14.0763, 8.6369,
9.0533


 84.1199, 66.5486,
71.0830

 8.2558, 4.5051,
4.6786


 108.8744, 88.2723,
94.4501

 4.3122, 1.9599,
2.0046

 138.0633,
114.2734, 122.4475

 1.8802, 0.5840,
0.5581

172.0520,
144.9363, 155.4937

 0.5653, 0.0000,
0.0000

211.2058,

 0.0000, 0.0000,

180.6453, 194.0074

0.0000

255.8901,
221.7848, 238.4069

■ 32.8094, 23.1978,
24.5782

■ 32.8094, 23.1978,
24.5782

■ 30.2352, 19.4555,
19.3850

■ 35.9842, 27.9430,
30.5824

■ 28.2191, 16.6393,
14.9643

■ 39.7941, 33.7533,
37.4307

■ 26.7162, 14.6673,
11.2762

■ 44.2733, 40.6902,
45.1561

■ 25.6727, 13.4409,
8.2756

■ 49.4529, 48.8091,
53.7892

■ 25.0036, 12.7840,
5.9521

■ 55.3620, 58.1620,
63.3589

■ 62.0280, 68.7978,
73.8931

■ 69.4770, 80.7627,
85.4183

■ 75.8533, 90.3399,
97.3333

■ 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



31.3515, 23.1978, 40.3747



32.8094, 23.1978, 24.5782



31.0494, 23.1978, 13.6774

Triad

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



32.8094, 23.1978, 24.5782



17.5090, 23.1978, 8.5830



17.8674, 23.1978, 56.9444

Complementary

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



32.8094, 23.1978, 24.5782



33.3048, 47.3477, 44.9224

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.



14.9811, 23.1978, 42.0221



32.8094, 23.1978, 24.5782



14.7966, 23.1978, 14.4826

Square

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



32.8094, 23.1978, 24.5782



21.8100, 23.1978, 6.8044



13.9431, 23.1978, 25.9512



22.2894, 23.1978, 62.7210

Rectangle

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



32.8094, 23.1978, 24.5782



28.4191, 23.1978, 9.5412



13.9431, 23.1978, 25.9512



16.7096, 23.1978, 52.6144

Sweetspot

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



32.8100, 23.1990, 24.5786



80.1128, 76.4067, 84.5574



31.1076, 21.5846, 57.7850



16.7476, 15.7281, 17.4300



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.



32.8100, 23.1990, 24.5786



51.5343, 32.9799, 32.7026



32.7304, 26.0227, 15.3559



10.7700, 10.6914, 11.7721



15.7584, 8.0529, 3.9375



0.7793, 0.3946, 0.3612

Inverse Universe

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



32.8100, 23.1990, 24.5786



51.5343, 32.9799, 32.7026



32.9741, 41.2774, 61.4877



10.7700, 10.6914, 11.7721



15.7584, 8.0529, 3.9375



0.7793, 0.3946, 0.3612

Previews

White Background



This preview shows how the XYZ color 32.8094, 23.1978, 24.5782 looks on a white background.

Color Contrast Check

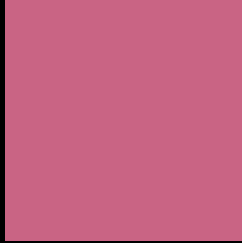
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8094, 23.1978, 24.5782 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 32.8094, 23.1978, 24.5782

Background



This preview shows how black text looks on a background with the XYZ color 32.8094, 23.1978, 24.5782.



This preview shows how white text looks on a background with the XYZ color 32.8094, 23.1978,

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

32.8094, 23.1978, 24.5782

Protanopia

23.0431, 23.4827, 32.5963

Deuteranopia

23.7627, 23.2665, 23.3171



Tritanopia

31.3727, 23.1904, 17.8616

Trichromacy



Original Color

32.8094, 23.1978, 24.5782

Protanomaly

25.4608, 22.5145, 29.3894

Deuteranomaly

26.3772, 22.7573, 23.7713

Tritanomaly

31.9994, 23.3118, 20.2658

Monochromacy



Original Color

32.8094, 23.1978, 24.5782

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.2937, 22.8816, 25.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8094, 23.1978, 24.5782 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(201, 100, 132)` looks like.

```
.text, #text, p{  
    color:rgb(201, 100, 132)  
}
```

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(201, 100, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 100, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.8094, 23.1978, 24.5782 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(201, 100, 132) }
```


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

```
.border{ border-color:rgb(201, 100, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 100, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 100, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 100, 132);  
box-shadow:4px 4px 4px 4px rgb(201, 100,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8094, 23.1978, 24.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 100, 132) }
```

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

```
.background{ background-color: rgb(201,  
100, 132) }
```

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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