

Converting Colors

XYZ(32.4103, 21.5718, 23.7597)

Have a look what the booklet for
XYZ(32.4103, 21.5718, 23.7597)
contains.

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Color

**XYZ(32.2977, 21.4800,
23.9165)**

Conversions

Conversions Part 1

Format	Color
Hex	CB5983
RGB	203, 89, 131
RGB Percent	80%, 35%, 51%
CMY	0.2039, 0.6510, 0.4863
CMYK	0.00, 0.56, 0.35, 0.20
HSL	338°, 52%, 57%
HSV	338°, 56%, 80%
XYZ	32.2977, 21.4800, 23.9165
YIQ	127.8740, 54.4620, 37.2300

Conversions

Conversions Part 2

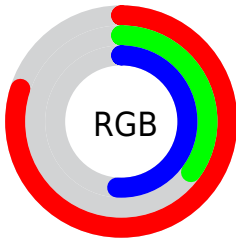
Format	Color
R_{YB}	203, 89, 131
Decimal	13326723
CIE _{Lab}	53.47, 49.47, -0.90
CIE _{LCh}	53, 49.475, 358.963
Yxy	21.4800, 0.4157, 0.2765
Android (android.graphics.Color)	4291516803 (0xFFCB5983)
YUV	127.8740, 1.5411, 65.8855
Hunter-Lab	46.3465, 43.2857, 1.8468

Details

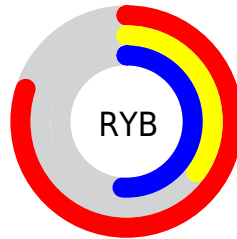
The XYZ color **32.2977, 21.4800, 23.9165** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **31.9100, 47.4094, 41.1902**, and the grayscale version is **20.4566, 21.5219, 23.4374**.

A 20% lighter version of the original color is **59.7142, 44.3656, 50.7635**, and **13.7439, 7.7167, 8.7477** is the 20% darker color. If you saturate the color by 10%, you get **30.0194, 18.2290, 19.1317**, and if you desaturate by 10%, it is **35.1505, 25.7076, 29.4238**.

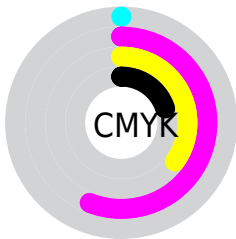
Distribution



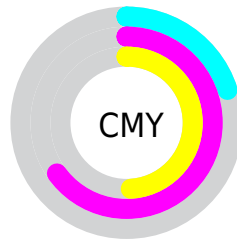
- Red (80%)
- Green (35%)
- Blue (51%)



- Red (80%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (56%)
- Yellow (35%)
- Black (20%)



- Cyan (20%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2977, 21.4800, 23.9165 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 32.2977, 21.4800, 23.9165 by changing the saturation by 10% instead.

 32.2977, 21.4800,
23.9165


 32.2977, 21.4800,
23.9165


304.1944,
259.8185, 285.6710


 21.7456, 13.4753,
15.0601


 62.6395, 45.8850,
50.8360

 13.7857, 7.7567,
8.7145


 83.1600, 63.0542,
69.7362

 8.0525, 3.9396,
4.4611


 107.7341, 84.0469,
92.8214

 4.1806, 1.6399,
1.8816

 136.7269,
109.2477, 120.5101

 1.8048, 0.3842,
0.4810

170.5041,
139.0408, 153.2208

 0.5206, 0.0000,
0.0000

209.4308,

 0.0000, 0.0000,

173.8107, 191.3722

0.0000

253.8724,
213.9418, 235.3828

■ 32.2977, 21.4800,
23.9165

■ 32.2977, 21.4800,
23.9165

■ 30.0194, 18.2290,
19.1317

■ 35.1505, 25.7076,
29.4238

■ 28.2704, 15.8711,
15.0345

■ 38.6145, 30.9795,
35.6836

■ 27.0016, 14.3142,
11.5881

■ 42.7253, 37.3616,
42.7254

■ 26.1507, 13.4409,
8.7501

■ 47.5153, 44.9129,
50.5766

■ 25.8911, 13.2015,
7.8012

■ 53.0147, 53.6884,
59.2632

■ 59.2515, 63.7398,
68.8100

■ 66.2526, 75.1154,
79.2407

■ 74.0431, 87.8614,
90.5781

■ 77.0840, 90.8947,
100.9894

Harmonies

Analogous

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



30.3725, 21.4800, 41.7393



32.2977, 21.4800, 23.9165



30.6118, 21.4800, 11.9736

Triad

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



32.2977, 21.4800, 23.9165



15.8973, 21.4800, 6.0909



15.6303, 21.4800, 58.0469

Complementary

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



32.2977, 21.4800, 23.9165



31.9100, 47.4094, 41.1902

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.



12.7803, 21.4800, 40.4169



32.2977, 21.4800, 23.9165



12.9148, 21.4800, 11.4016

Square

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



32.2977, 21.4800, 23.9165



20.5998, 21.4800, 4.7307



11.8775, 21.4800, 22.8675



20.2335, 21.4800, 65.9805

Rectangle

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



32.2977, 21.4800, 23.9165



27.8070, 21.4800, 7.6310



11.8775, 21.4800, 22.8675



14.4667, 21.4800, 52.7674

Sweetspot

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



32.2983, 21.4811, 23.9169



78.6469, 73.7525, 83.2128



28.7106, 18.8596, 58.6269



16.4694, 15.2097, 17.2206



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.



32.2983, 21.4811, 23.9169



49.6954, 29.7333, 30.7603



31.2135, 22.9809, 12.2433



11.3803, 11.2809, 12.5374



16.5175, 8.4176, 5.1776



0.8885, 0.4488, 0.4585

Inverse Universe

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



32.2983, 21.4811, 23.9169



49.6954, 29.7333, 30.7603



33.2487, 43.1334, 63.0730



11.3803, 11.2809, 12.5374



16.5175, 8.4176, 5.1776



0.8885, 0.4488, 0.4585

Previews

White Background



This preview shows how the XYZ color 32.2977, 21.4800, 23.9165 looks on a white background.

Color Contrast Check

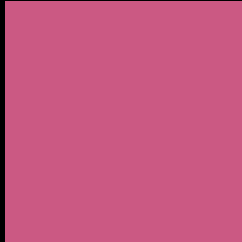
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2977, 21.4800, 23.9165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

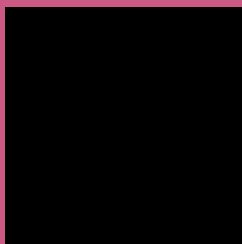
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2977, 21.4800, 23.9165

Background



This preview shows how black text looks on a background with the XYZ color 32.2977, 21.4800, 23.9165.



This preview shows how white text looks on a background with the XYZ color 32.2977, 21.4800,

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

32.2977, 21.4800, 23.9165

Protanopia

21.5318, 21.6829, 34.0607

Deuteranopia

22.0647, 21.6468, 22.4173



Tritanopia

30.5286, 21.5415, 14.8608

Trichromacy



Original Color

32.2977, 21.4800, 23.9165

Protanomaly

23.8559, 20.4649, 29.8869

Deuteranomaly

24.8250, 20.7937, 22.7838

Tritanomaly

31.1961, 21.5551, 17.8456

Monochromacy



Original Color

32.2977, 21.4800, 23.9165

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.4973, 20.5882, 23.5043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2977, 21.4800, 23.9165 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, 89, 131)` looks like.

```
.text, #text, p{  
    color:rgb(203, 89, 131)  
}
```

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, 89, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 89, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.2977, 21.4800, 23.9165 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, 89, 131) }
```


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

```
.border{ border-color:rgb(203, 89, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 89, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 89, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 89, 131);  
box-shadow:4px 4px 4px 4px rgb(203, 89,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2977, 21.4800, 23.9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 89, 131) }
```

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

```
.background{ background-color: rgb(203, 89,  
131) }
```

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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