

Converting Colors

XYZ(32.3363, 23.3413, 26.5962)

Have a look what the booklet for
XYZ(32.3363, 23.3413, 26.5962)
contains.

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Color

**XYZ(32.3916, 23.3770,
26.4719)**

Conversions

Conversions Part 1

Format	Color
Hex	C56789
RGB	197, 103, 137
RGB Percent	77%, 40%, 54%
CMY	0.2274, 0.5961, 0.4627
CMYK	0.00, 0.48, 0.30, 0.23
HSL	338°, 45%, 59%
HSV	338°, 48%, 77%
XYZ	32.3916, 23.3770, 26.4719
YIQ	134.9820, 45.1100, 30.5020

Conversions

Conversions Part 2

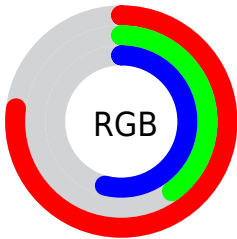
Format	Color
R_{YB}	197, 103, 137
Decimal	12937097
CIE _{Lab}	55.46, 41.24, -1.62
CIE _{LCh}	55, 41.269, 357.748
Yxy	23.3770, 0.3939, 0.2843
Android (android.graphics.Color)	4291127177 (0xFFC56789)
YUV	134.9820, 0.9949, 54.3898
Hunter-Lab	48.3498, 34.9728, 1.3831

Details

The XYZ color **32.3916, 23.3770, 26.4719** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **32.1718, 45.4611, 41.7321**, and the grayscale version is **23.0079, 24.2061, 26.3604**.

A 20% lighter version of the original color is **62.4227, 48.7546, 54.8357**, and **13.7635, 8.7196, 9.9744** is the 20% darker color. If you saturate the color by 10%, you get **29.8078, 19.5698, 21.4165**, and if you desaturate by 10%, it is **35.5435, 28.1517, 32.2359**.

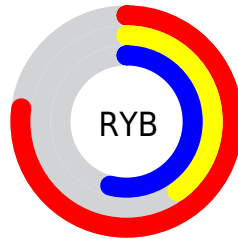
Distribution



Red (77%)

Green (40%)

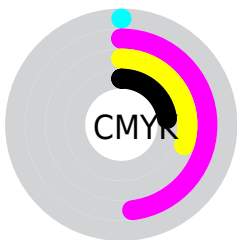
Blue (54%)



Red (77%)

Yellow (40%)

Blue (54%)

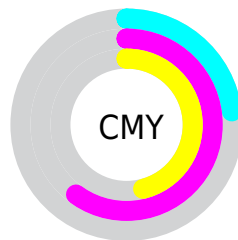


Cyan (0%)

Magenta (48%)

Yellow (30%)

Black (23%)



Cyan (23%)


Magenta (60%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3916, 23.3770, 26.4719 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 32.3916, 23.3770, 26.4719 by changing the saturation by 10% instead.

 32.3916, 23.3770,
26.4719


 32.3916, 23.3770,
26.4719


304.6130,
269.6555, 298.7698


 21.8178, 14.8721,
16.9481


 62.7856, 49.0116,
55.0287


 13.8389, 8.7297,
10.0359


 83.3364, 66.9102,
74.8987

 8.0897, 4.5653,
5.3169

 107.9436, 88.7087,
99.0545

 4.2047, 1.9945,
2.3724

 136.9726,
114.7917, 127.9147

 1.8186, 0.6043,
0.7713

170.7886,
145.5434, 161.8978

 0.5288, 0.0000,
0.0000

209.7572,

 0.0000, 0.0000,

181.3484, 201.4223

0.0000

254.2435,
222.5909, 246.9068

■ 32.3916, 23.3770,
26.4719

■ 32.3916, 23.3770,
26.4719

■ 29.8078, 19.5698,
21.4165

■ 35.5435, 28.1517,
32.2359

■ 27.7536, 16.6594,
17.0384

■ 39.2945, 33.9513,
38.7350

■ 26.1885, 14.5708,
13.3057


■ 43.6760, 40.8327,
45.9961


■ 25.0650, 13.2154,
10.1825

■ 48.7162, 48.8476,
54.0439


■ 24.3152, 12.4643,
7.6250


■ 54.4417, 58.0443,
62.9021

 24.1714, 12.3285,
7.1089

 60.8776, 68.4684,
72.5935

 68.0477, 80.1630,
83.1397

 74.1602, 89.5400,
93.9568

 76.0691, 90.3036,
104.0090

Harmonies

Analogous

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



30.6606, 23.3770, 41.6886



32.3916, 23.3770, 26.4719



31.0976, 23.3770, 15.3054

Triad

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



32.3916, 23.3770, 26.4719



18.3149, 23.3770, 8.8642



17.7857, 23.3770, 53.7921

Complementary

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



32.3916, 23.3770, 26.4719



32.1718, 45.4611, 41.7321

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.



15.2152, 23.3770, 39.3163



32.3916, 23.3770, 26.4719



15.4895, 23.3770, 14.0984

Square

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



32.3916, 23.3770, 26.4719



22.5719, 23.3770, 7.4952



14.4363, 23.3770, 24.4617



21.8701, 23.3770, 60.5213

Rectangle

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



32.3916, 23.3770, 26.4719



28.7817, 23.3770, 10.8269



14.4363, 23.3770, 24.4617



16.7386, 23.3770, 49.4688

Sweetspot

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



32.3923, 23.3782, 26.4723



81.2454, 77.9179, 87.2592



29.9382, 21.4705, 55.3898



16.9813, 16.0298, 18.0186



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.



32.3923, 23.3782, 26.4723



53.3193, 34.9529, 38.2207



31.6668, 25.2344, 16.0352



10.7897, 10.6993, 11.8761



15.9353, 8.1237, 4.8691



0.7892, 0.3985, 0.4131

Inverse Universe

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



32.3923, 23.3782, 26.4723



53.3193, 34.9529, 38.2207



32.9101, 41.3907, 59.0781



10.7897, 10.6993, 11.8761



15.9353, 8.1237, 4.8691



0.7892, 0.3985, 0.4131

Previews

White Background



This preview shows how the XYZ color 32.3916, 23.3770, 26.4719 looks on a white background.

Color Contrast Check

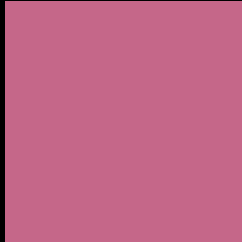
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3916, 23.3770, 26.4719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

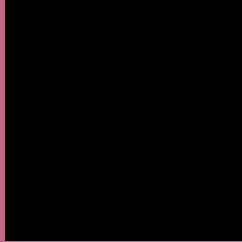
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3916, 23.3770, 26.4719

Background



This preview shows how black text looks on a background with the XYZ color 32.3916, 23.3770, 26.4719.



This preview shows how white text looks on a background with the XYZ color 32.3916, 23.3770,

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

32.3916, 23.3770, 26.4719

Protanopia

23.2209, 23.5362, 34.3294

Deuteranopia

23.9380, 23.5050, 25.4655



Tritanopia

30.8579, 23.3553, 19.1013

Trichromacy



Original Color

32.3916, 23.3770, 26.4719

Protanomaly

25.5091, 22.6829, 31.0507

Deuteranomaly

26.5366, 23.1535, 25.6247

Tritanomaly

31.4941, 23.4739, 21.6099

Monochromacy



Original Color

32.3916, 23.3770, 26.4719

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.6274, 23.2126, 26.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3916, 23.3770, 26.4719 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(197, 103, 137)` looks like.

```
.text, #text, p{  
    color:rgb(197, 103, 137)  
}
```

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(197, 103, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 103, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.3916, 23.3770, 26.4719 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(197, 103, 137) }
```


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

```
.border{ border-color:rgb(197, 103, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 103, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 103, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 103, 137);  
box-shadow:4px 4px 4px 4px rgb(197, 103,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3916, 23.3770, 26.4719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 103, 137) }
```

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

```
.background{ background-color: rgb(197,  
103, 137) }
```

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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