

Converting Colors

XYZ(32.2068, 23.7225, 18.4505)

Have a look what the booklet for
XYZ(32.2068, 23.7225, 18.4505)
contains.

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Color

**XYZ(32.1196, 23.7129,
18.5069)**

Conversions

Conversions Part 1

Format	Color
Hex	C96971
RGB	201, 105, 113
RGB Percent	79%, 41%, 44%
CMY	0.2118, 0.5882, 0.5569
CMYK	0.00, 0.48, 0.44, 0.21
HSL	355°, 47%, 60%
HSV	355°, 48%, 79%
XYZ	32.1196, 23.7129, 18.5069
YIQ	134.6160, 54.6480, 22.8400

Conversions

Conversions Part 2

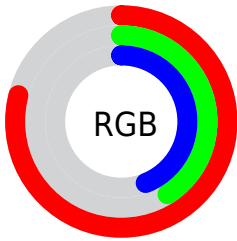
Format	Color
R_{YB}	201, 105, 113
Decimal	13199729
CIE _{Lab}	55.80, 38.79, 13.00
CIE _{LCh}	56, 40.911, 18.535
Yxy	23.7129, 0.4321, 0.3190
Android (android.graphics.Color)	4291389809 (0xFFC96971)
YUV	134.6160, -10.6567, 58.2188
Hunter-Lab	48.6959, 32.5200, 11.5539

Details

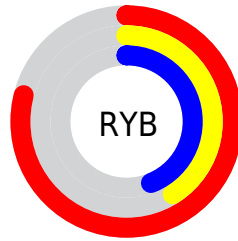
The XYZ color **32.1196, 23.7129, 18.5069** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.3392, 48.6273, 57.9258**, and the grayscale version is **22.9116, 24.1048, 26.2501**.

A 20% lighter version of the original color is **60.2584, 48.4303, 41.7693**, and **13.6010, 8.8596, 5.9943** is the 20% darker color. If you saturate the color by 10%, you get **29.3747, 19.7182, 12.9832**, and if you desaturate by 10%, it is **35.5601, 28.7618, 25.3020**.

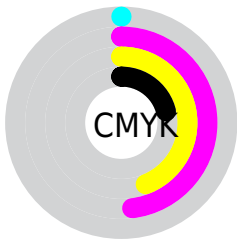
Distribution



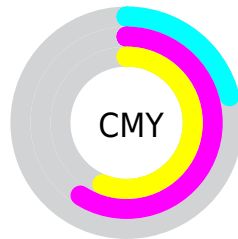
- Red (79%)
- Green (41%)
- Blue (44%)



- Red (79%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (21%)





- Cyan (21%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1196, 23.7129, 18.5069 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 32.1196, 23.7129, 18.5069 by changing the saturation by 10% instead.


 32.1196, 23.7129,
18.5069


 32.1196, 23.7129,
18.5069


303.3993,
271.3658, 256.0442


 21.6089, 15.1208,
11.1413


 62.3625, 49.5613,
41.7247


 13.6848, 8.9042,
6.0466


 82.8253, 67.5864,
58.4141

 7.9820, 4.6787,
2.8042


 107.3362, 89.5245,
79.0484

 4.1351, 2.0600,
0.9955

 136.2605,
115.7602, 104.0463

 1.7789, 0.6420,
0.0000

169.9637,
146.6778, 133.8263

 0.5049, 0.0000,
0.0000

208.8109,

 0.0000, 0.0000,

182.6616, 168.8070

0.0000

253.1677,
224.0962, 209.4067

■ 32.1196, 23.7129,
18.5069

■ 32.1196, 23.7129,
18.5069

■ 29.3747, 19.7182,
12.9832

■ 35.5601, 28.7618,
25.3020

■ 27.2762, 16.6997,
8.6504

■ 39.7374, 34.9285,
33.4395

■ 25.7713, 14.5746,
5.4210


■ 44.6916, 42.2758,
42.9866


■ 24.7978, 13.2445,
3.1948


■ 50.4594, 50.8607,
54.0057


■ 24.2704, 12.5690,
1.8501

■ 57.0751, 60.7366,
66.5554

 24.1865, 12.4572,
1.6494

 64.5711, 71.9539,
80.6913

 72.9781, 84.5600,
96.4660

 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.



32.4822, 23.7129, 31.2491



32.1196, 23.7129, 18.5069



28.9902, 23.7129, 10.9952

Triad

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



32.1196, 23.7129, 18.5069



16.4820, 23.7129, 12.3077



20.8080, 23.7129, 59.9100

Complementary

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



32.1196, 23.7129, 18.5069



36.3392, 48.6273, 57.9258

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.



17.1228, 23.7129, 50.1446



32.1196, 23.7129, 18.5069



14.8644, 23.7129, 21.0580

Square

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



32.1196, 23.7129, 18.5069



19.8148, 23.7129, 8.3593



15.0816, 23.7129, 34.8415



25.5008, 23.7129, 58.4894

Rectangle

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



32.1196, 23.7129, 18.5069



25.9700, 23.7129, 8.5721



15.0816, 23.7129, 34.8415



19.4233, 23.7129, 57.7206

Sweetspot

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



32.1202, 23.7141, 18.5073



79.8713, 77.3683, 80.0233



37.5872, 25.6589, 58.2299



16.6502, 15.8974, 16.2753



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.



32.1202, 23.7141, 18.5073



50.2759, 33.7356, 22.1947



36.7634, 33.6894, 17.9313



10.6691, 10.6510, 11.2409



15.2218, 7.8383, 1.1118



0.7334, 0.3762, 0.1193

Inverse Universe

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



32.1202, 23.7141, 18.5073



50.2759, 33.7356, 22.1947



29.1143, 32.7112, 60.0377



10.6691, 10.6510, 11.2409



15.2218, 7.8383, 1.1118



0.7334, 0.3762, 0.1193

Previews

White Background



This preview shows how the XYZ color 32.1196, 23.7129, 18.5069 looks on a white background.

Color Contrast Check

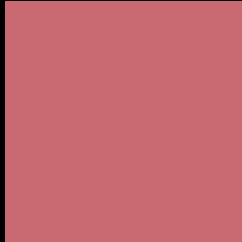
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1196, 23.7129, 18.5069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

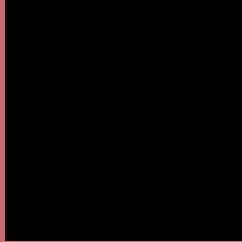
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1196, 23.7129, 18.5069

Background



This preview shows how black text looks on a background with the XYZ color 32.1196, 23.7129, 18.5069.



This preview shows how white text looks on a background with the XYZ color 32.1196, 23.7129,

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

32.1196, 23.7129, 18.5069

Protanopia

22.9026, 24.0120, 23.8498

Deuteranopia

24.3209, 23.8726, 17.7940



Tritanopia

32.1196, 23.7129, 18.5069

Trichromacy



Original Color

32.1196, 23.7129, 18.5069

Protanomaly

25.3561, 23.1730, 21.8753

Deuteranomaly

26.5442, 23.3294, 17.8558

Tritanomaly

32.1196, 23.7129, 18.5069

Monochromacy



Original Color

32.1196, 23.7129, 18.5069

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.3365, 23.3185, 23.2442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1196, 23.7129, 18.5069 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, 105, 113)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 113)  
}
```

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, 105, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 113) }
```

Border

The CSS property to change the border of an element to XYZ 32.1196, 23.7129, 18.5069 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, 105, 113) }
```


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

```
.border{ border-color:rgb(201, 105, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 113);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1196, 23.7129, 18.5069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 113) }
```

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

```
.background{ background-color: rgb(201,  
105, 113) }
```

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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