

Converting Colors

XYZ(32.0764, 23.5189, 17.0453)

Have a look what the booklet for
XYZ(32.0764, 23.5189, 17.0453)
contains.

XYZ(32.0142, 23.5399, 17.0437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0142, 23.5399,
17.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	CA686C
RGB	202, 104, 108
RGB Percent	79%, 41%, 42%
CMY	0.2078, 0.5921, 0.5765
CMYK	0.00, 0.49, 0.47, 0.21
HSL	358°, 48%, 60%
HSV	358°, 49%, 79%
XYZ	32.0142, 23.5399, 17.0437
YIQ	133.7580, 57.1240, 22.0200

Conversions

Conversions Part 2

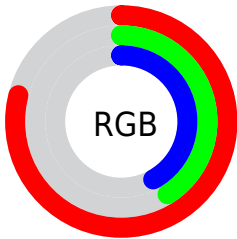
Format	Color
R_{YB}	202, 104, 108
Decimal	13265004
CIE Lab	55.62, 39.16, 15.70
CIE LCh	56, 42.193, 21.850
Yxy	23.5399, 0.4410, 0.3243
Android (android.graphics.Color)	4291455084 (0xFFCA686C)
YUV	133.7580, -12.6987, 59.8482
Hunter-Lab	48.5179, 32.8755, 13.1348

Details

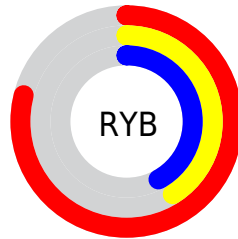
The XYZ color **32.0142, 23.5399, 17.0437** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.0237, 49.2618, 60.9862**, and the grayscale version is **22.6023, 23.7794, 25.8957**.

A 20% lighter version of the original color is **59.5550, 47.8771, 38.9032**, and **13.6170, 8.8124, 5.3982** is the 20% darker color. If you saturate the color by 10%, you get **29.2998, 19.5821, 11.6042**, and if you desaturate by 10%, it is **35.4460, 28.5657, 23.8534**.

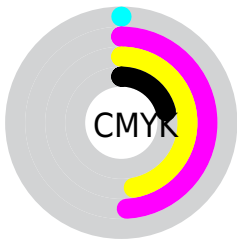
Distribution



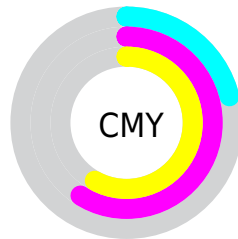
- Red (79%)
- Green (41%)
- Blue (42%)



- Red (79%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (47%)
- Black (21%)





- Cyan (21%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0142, 23.5399, 17.0437 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 32.0142, 23.5399, 17.0437 by changing the saturation by 10% instead.


 32.0142, 23.5399,
17.0437


 32.0142, 23.5399,
17.0437


302.9281,
270.4860, 247.4766


 21.5279, 14.9927,
10.1034


 62.1984, 49.2783,
39.1926

 13.6251, 8.8142,
5.3610


 82.6270, 67.2383,
55.2382

 7.9403, 4.6202,
2.3982


 107.1005, 89.1047,
75.1560

 4.1083, 2.0262,
0.7855

 135.9842,
115.2618, 99.3645

 1.7636, 0.6226,
0.0000

169.6435,
146.0942, 128.2823

 0.4956, 0.0000,
0.0000

208.4436,

 0.0000, 0.0000,

181.9860, 162.3279

0.0000

252.7500,
223.3219, 201.9198

■ 32.0142, 23.5399,
17.0437

■ 32.0142, 23.5399,
17.0437

■ 29.2998, 19.5821,
11.6042

■ 35.4460, 28.5657,
23.8534

■ 27.2502, 16.6118,
7.4408

■ 39.6391, 34.7251,
32.1160

■ 25.8087, 14.5431,
4.4499


■ 44.6361, 42.0829,
41.9094


■ 24.9083, 13.2738,
2.5110


■ 50.4760, 50.6976,
53.3053


■ 24.4508, 12.6462,
1.4725

■ 57.1952, 60.6242,
66.3710

 24.4022, 12.5746,
1.3775

 64.8278, 71.9143,
81.1701

 73.4064, 84.6168,
97.7626

 78.1670, 91.2965,
108.1099

Harmonies

Analogous

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



32.7388, 23.5399, 29.5388



32.0142, 23.5399, 17.0437



28.5325, 23.5399, 10.0246

Triad

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



32.0142, 23.5399, 17.0437



15.9075, 23.5399, 12.5863



21.0985, 23.5399, 61.4256

Complementary

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



32.0142, 23.5399, 17.0437



37.0237, 49.2618, 60.9862

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.



17.1722, 23.5399, 52.3398



32.0142, 23.5399, 17.0437



14.4663, 23.5399, 22.0840

Square

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



32.0142, 23.5399, 17.0437



19.1305, 23.5399, 8.1617



14.8939, 23.5399, 36.7050



25.9647, 23.5399, 58.5664

Rectangle

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



32.0142, 23.5399, 17.0437



25.3550, 23.5399, 7.8942



14.8939, 23.5399, 36.7050



19.6363, 23.5399, 59.5786

Sweetspot

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



32.0148, 23.5411, 17.0441



78.6839, 75.8351, 77.0326



38.6637, 26.0500, 58.8673



16.4078, 15.5922, 15.6406



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.



32.0148, 23.5411, 17.0441



49.4960, 32.9914, 19.4202



37.4622, 34.7683, 17.8348



11.2305, 11.2210, 11.7487



15.7105, 8.0948, 0.9284



0.8171, 0.4203, 0.0828

Inverse Universe

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



32.0148, 23.5411, 17.0441



49.4960, 32.9914, 19.4202



28.5805, 31.6282, 60.4754



11.2305, 11.2210, 11.7487



15.7105, 8.0948, 0.9284



0.8171, 0.4203, 0.0828

Previews

White Background



This preview shows how the XYZ color 32.0142, 23.5399, 17.0437 looks on a white background.

Color Contrast Check

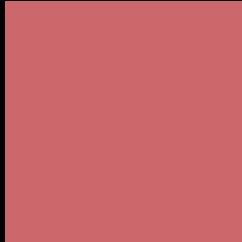
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0142, 23.5399, 17.0437 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 32.0142, 23.5399, 17.0437

Background



This preview shows how black text looks on a background with the XYZ color 32.0142, 23.5399, 17.0437.



This preview shows how white text looks on a background with the XYZ color 32.0142, 23.5399,

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

32.0142, 23.5399, 17.0437

Protanopia

22.6101, 23.6941, 22.1206

Deuteranopia

24.1225, 23.6059, 16.3817



Tritanopia

32.1767, 23.6049, 17.8992

Trichromacy



Original Color

32.0142, 23.5399, 17.0437

Protanomaly

25.1298, 22.9085, 20.2368

Deuteranomaly

26.3802, 23.0978, 16.4325

Tritanomaly

32.1219, 23.5830, 17.6108

Monochromacy



Original Color

32.0142, 23.5399, 17.0437

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.0827, 23.0175, 22.5229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0142, 23.5399, 17.0437 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(202, 104, 108)` looks like.

```
.text, #text, p{  
    color:rgb(202, 104, 108)  
}
```

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(202, 104, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 104, 108) }
```

Border

The CSS property to change the border of an element to XYZ 32.0142, 23.5399, 17.0437 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(202, 104, 108) }
```


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

```
.border{ border-color:rgb(202, 104, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 104, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 104, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 104, 108);  
box-shadow:4px 4px 4px 4px rgb(202, 104,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0142, 23.5399, 17.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 104, 108) }
```

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

```
.background{ background-color: rgb(202,  
104, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor