

Converting Colors

XYZ(29.1749, 19.4040, 14.3219)

Have a look what the booklet for
XYZ(29.1749, 19.4040, 14.3219)
contains.

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Color

**XYZ(29.2129, 19.3860,
14.2588)**

Conversions

Conversions Part 1

Format	Color
Hex	C85364
RGB	200, 83, 100
RGB Percent	78%, 33%, 39%
CMY	0.2157, 0.6745, 0.6078
CMYK	0.00, 0.58, 0.50, 0.22
HSL	351°, 52%, 55%
HSV	351°, 58%, 78%
XYZ	29.2129, 19.3860, 14.2588
YIQ	119.9210, 64.2750, 30.0910

Conversions

Conversions Part 2

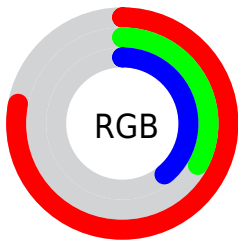
Format	Color
R_{YB}	200, 83, 100
Decimal	13128548
CIE _{Lab}	51.14, 48.05, 14.19
CIE _{LCh}	51, 50.101, 16.450
Yxy	19.3860, 0.4647, 0.3084
Android (android.graphics.Color)	4291318628 (0xFFC85364)
YUV	119.9210, -9.8211, 70.2293
Hunter-Lab	44.0295, 41.3802, 11.6198

Details

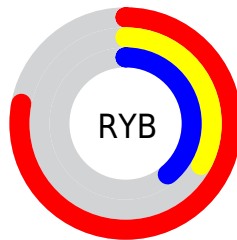
The XYZ color **29.2129, 19.3860, 14.2588** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **32.7700, 46.5668, 52.0642**, and the grayscale version is **17.8441, 18.7734, 20.4443**.

A 20% lighter version of the original color is **55.7716, 41.3857, 34.3269**, and **12.0423, 6.7129, 4.1511** is the 20% darker color. If you saturate the color by 10%, you get **27.1549, 16.4582, 9.9101**, and if you desaturate by 10%, it is **31.8868, 23.2678, 19.6696**.

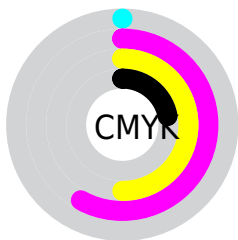
Distribution



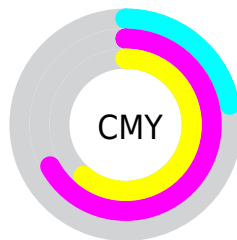
- Red (78%)
- Green (33%)
- Blue (39%)



- Red (78%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (58%)
- Yellow (50%)
- Black (22%)





- Cyan (22%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2129, 19.3860, 14.2588 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 29.2129, 19.3860, 14.2588 by changing the saturation by 10% instead.


 29.2129, 19.3860,
14.2588


 29.2129, 19.3860,
14.2588


290.1943,
248.5715, 230.3191


 19.3870, 11.9495,
8.1601


 57.8104, 42.3853,
34.2712


 12.0559, 6.7093,
4.1083


 77.3127, 58.7170,
49.0220


 6.8542, 3.2810,
1.6850


 100.7712, 78.7825,
67.4940

 3.4166, 1.2801,
0.3504

 128.5513,
102.9662, 90.1055

 1.3777, 0.1257,
0.0000

 161.0183,
131.6526, 117.2753

 0.2403, 0.0000,
0.0000

198.5376,

 0.0000, 0.0000,

165.2260, 149.4218

0.0000

241.4744,
204.0708, 186.9635

■ 29.2129, 19.3860,
14.2588

■ 29.2129, 19.3860,
14.2588

■ 27.1549, 16.4582,
9.9101

■ 31.8868, 23.2678,
19.6696

■ 25.6612, 14.3987,
6.5518

■ 35.2195, 28.1736,
26.2058

■ 24.6742, 13.1117,
4.1047

■ 39.2520, 34.1700,
33.9265

■ 24.1075, 12.4468,
2.4715

■ 44.0211, 41.3176,
42.8868

■ 24.0417, 12.3683,
2.2858

■ 49.5615, 49.6721,
53.1380

■ 55.9052, 59.2858,
64.7285

■ 63.0828, 70.2080,
77.7045

■ 71.1230, 82.4851,
92.1097

■ 77.4455, 90.9458,
107.1167

Harmonies

Analogous

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



29.3837, 19.3860, 28.2029



29.2129, 19.3860, 14.2588



25.8375, 19.3860, 6.8230

Triad

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



29.2129, 19.3860, 14.2588



12.3234, 19.3860, 7.2956



16.2733, 19.3860, 60.5391

Complementary

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



29.2129, 19.3860, 14.2588



32.7700, 46.5668, 52.0642

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.



12.5872, 19.3860, 47.8570



29.2129, 19.3860, 14.2588



10.5999, 19.3860, 15.3157

Square

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



29.2129, 19.3860, 14.2588



15.8463, 19.3860, 4.2233



10.6869, 19.3860, 29.8601



21.2710, 19.3860, 59.8171

Rectangle

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



29.2129, 19.3860, 14.2588



22.5202, 19.3860, 4.6330



10.6869, 19.3860, 29.8601



14.8604, 19.3860, 57.5225

Sweetspot

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



29.2134, 19.3870, 14.2591



76.4296, 71.8558, 74.6493



32.9171, 20.3578, 56.8378



15.8062, 14.5495, 14.9456



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.



29.2134, 19.3870, 14.2591



46.2786, 27.4659, 15.5441



32.5829, 27.3079, 11.7387



10.6956, 10.6616, 11.3803



15.3071, 7.8724, 1.5609



0.7455, 0.3811, 0.1832

Inverse Universe

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



29.2134, 19.3870, 14.2591



46.2786, 27.4659, 15.5441



26.4003, 30.8237, 59.2014



10.6956, 10.6616, 11.3803



15.3071, 7.8724, 1.5609



0.7455, 0.3811, 0.1832

Previews

White Background



This preview shows how the XYZ color 29.2129, 19.3860, 14.2588 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 29.2129, 19.3860, 14.2588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

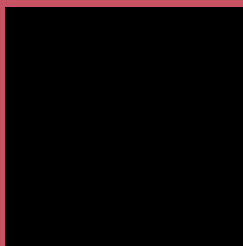
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2129, 19.3860, 14.2588

Background



This preview shows how black text looks on a background with the XYZ color 29.2129, 19.3860, 14.2588.



This preview shows how white text looks on a background with the XYZ color 29.2129, 19.3860,

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

29.2129, 19.3860, 14.2588

Protanopia

18.8071, 19.6351, 20.5680

Deuteranopia

19.7545, 19.3884, 13.5276



Tritanopia

28.6472, 19.3773, 11.9032

Trichromacy



Original Color

29.2129, 19.3860, 14.2588

Protanomaly

21.2921, 18.5928, 18.0893

Deuteranomaly

22.5191, 18.8587, 13.7625

Tritanomaly

28.7439, 19.2909, 12.7982

Monochromacy



Original Color

29.2129, 19.3860, 14.2588

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.6328, 18.0972, 18.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2129, 19.3860, 14.2588 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(200, 83, 100)` looks like.

```
.text, #text, p{  
    color:rgb(200, 83, 100)  
}
```

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(200, 83, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 83, 100) }
```

Border

The CSS property to change the border of an element to XYZ 29.2129, 19.3860, 14.2588 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(200, 83, 100) }
```


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

```
.border{ border-color:rgb(200, 83, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 83, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 83, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 83, 100);  
box-shadow:4px 4px 4px 4px rgb(200, 83,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2129, 19.3860, 14.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 83, 100) }
```

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

```
.background{ background-color: rgb(200, 83,  
100) }
```

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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