

Converting Colors

XYZ(35.1254, 29.6391, 30.4258)

Have a look what the booklet for
XYZ(35.1254, 29.6391, 30.4258)
contains.

XYZ(35.1427, 29.5837, 30.2436)	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(35.1427, 29.5837,
30.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	C18390
RGB	193, 131, 144
RGB Percent	76%, 51%, 56%
CMY	0.2431, 0.4863, 0.4353
CMYK	0.00, 0.32, 0.25, 0.24
HSL	347°, 33%, 64%
HSV	347°, 32%, 76%
XYZ	35.1427, 29.5837, 30.2436
YIQ	151.0200, 32.7790, 17.1870

Conversions

Conversions Part 2

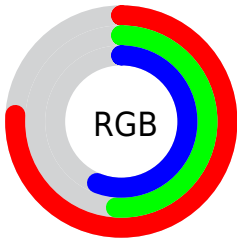
Format	Color
RYB	193, 131, 144
Decimal	12682128
CIELab	61.29, 25.71, 2.77
CIELCh	61, 25.857, 6.153
Yxy	29.5837, 0.3700, 0.3115
Android (android.graphics.Color)	4290872208 (0xFFC18390)
YUV	151.0200, -3.4609, 36.8165
Hunter-Lab	54.3909, 20.1472, 5.1059

Details

The XYZ color **35.1427, 29.5837, 30.2436** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6696, 46.2613, 50.1790**, and the grayscale version is **29.4292, 30.9618, 33.7174**.

A 20% lighter version of the original color is **67.3257, 59.2844, 61.3207**, and **15.4440, 12.0963, 12.1105** is the 20% darker color. If you saturate the color by 10%, you get **31.6997, 24.4391, 23.7272**, and if you desaturate by 10%, it is **39.2277, 35.7598, 37.7519**.

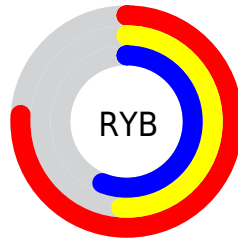
Distribution



Red (76%)

Green (51%)

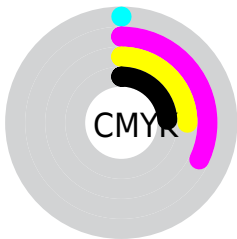
Blue (56%)



Red (76%)

Yellow (51%)

Blue (56%)

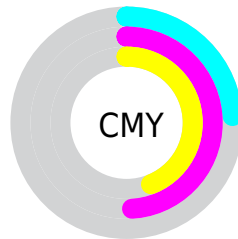


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (24%)



Cyan (24%)

Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1427, 29.5837, 30.2436 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 35.1427, 29.5837, 30.2436 by changing the saturation by 10% instead.


 35.1427, 29.5837,
30.2436


 35.1427, 29.5837,
30.2436


316.6947,
299.9591, 317.2809


 23.9398, 19.5228,
19.7699


 67.0393, 59.0032,
61.1128

 15.4135, 12.0487,
12.0455

 88.4638, 79.1306,
82.3453

 9.1983, 6.7768,
6.6518


 114.0263,
103.3823, 108.0013

 4.9289, 3.3229,
3.1702

144.0920,
132.1427, 138.4992

 2.2399, 1.3026,
1.1822

179.0263,
165.7962, 174.2576

 0.7637, 0.1432,
0.0000

219.1947,

 0.0000, 0.0000,

204.7272, 215.6949

0.0000

264.9624,
249.3200, 263.2299

■ 35.1427, 29.5837,
30.2436

■ 35.1427, 29.5837,
30.2436

■ 31.6997, 24.4391,
23.7272

■ 39.2277, 35.7598,
37.7519

■ 28.8632, 20.2655,
18.1590

■ 43.9830, 43.0150,
46.2898

■ 26.5978, 17.0027,
13.4944


■ 49.4381, 51.3993,
55.8952


■ 24.8633, 14.5820,
9.6846


■ 55.6199, 60.9580,
66.6035


■ 23.6142, 12.9247,
6.6759


■ 62.5542, 71.7342,
78.4483

 22.7968, 11.9372,
4.4079

 70.2652, 83.7686,
91.4620

 22.3833, 11.4939,
3.0874

 75.1304, 89.8087,
104.4604

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



34.5414, 29.5837, 40.4023



35.1427, 29.5837, 30.2436



33.7428, 29.5837, 22.3683

Triad

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



35.1427, 29.5837, 30.2436



24.4303, 29.5837, 19.3202



25.5537, 29.5837, 52.5837

Complementary

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



35.1427, 29.5837, 30.2436



36.6696, 46.2613, 50.1790

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.



23.1566, 29.5837, 44.5871



35.1427, 29.5837, 30.2436



22.5455, 29.5837, 25.2102

Square

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



35.1427, 29.5837, 30.2436



27.4226, 29.5837, 16.9349



22.0987, 29.5837, 34.2632



28.8259, 29.5837, 54.6805

Rectangle

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



35.1427, 29.5837, 30.2436



31.9248, 29.5837, 19.0142



22.0987, 29.5837, 34.2632



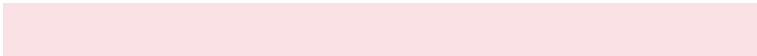
24.6273, 29.5837, 50.4277

Sweetspot

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



35.1435, 29.5851, 30.2442



80.5932, 79.8288, 86.1332



36.4646, 29.7357, 54.2700



17.0076, 16.6931, 17.9778



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1435, 29.5851, 30.2442



58.2184, 45.9169, 45.2635



36.7691, 34.3355, 26.1640



10.1577, 10.1117, 10.9208



14.9116, 7.6544, 2.1806



0.6701, 0.3410, 0.2301

Inverse Universe

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



35.1435, 29.5851, 30.2442



58.2184, 45.9169, 45.2635



34.4013, 39.5055, 56.2645



10.1577, 10.1117, 10.9208



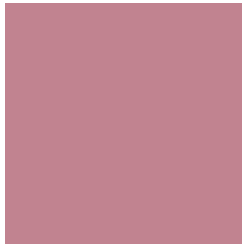
14.9116, 7.6544, 2.1806



0.6701, 0.3410, 0.2301

Previews

White Background



This preview shows how the XYZ color 35.1427, 29.5837, 30.2436 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 35.1427, 29.5837, 30.2436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

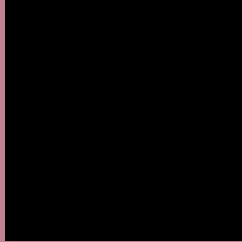
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1427, 29.5837, 30.2436

Background



This preview shows how black text looks on a background with the XYZ color 35.1427, 29.5837, 30.2436.



This preview shows how white text looks on a background with the XYZ color 35.1427, 29.5837,

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

35.1427, 29.5837, 30.2436

Protanopia

28.7341, 29.8693, 34.3879

Deuteranopia

30.2220, 29.5972, 29.7112



Tritanopia

34.9163, 29.4931, 29.0518

Trichromacy



Original Color

35.1427, 29.5837, 30.2436

Protanomaly

30.6951, 29.5473, 32.9396

Deuteranomaly

31.8697, 29.5624, 30.0130

Tritanomaly

34.9911, 29.5230, 29.4455

Monochromacy



Original Color

35.1427, 29.5837, 30.2436

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.0444, 30.1916, 32.2083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1427, 29.5837, 30.2436 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(193, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 131, 144)  
}
```

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(193, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 131, 144) }
```

Border

The CSS property to change the border of an element to XYZ 35.1427, 29.5837, 30.2436 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(193, 131, 144) }
```


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

```
.border{ border-color:rgb(193, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 131,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1427, 29.5837, 30.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 131, 144) }
```

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

```
.background{ background-color: rgb(193,  
131, 144) }
```

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