

Converting Colors

XYZ(35.2061, 29.8876, 29.7700)

Have a look what the booklet for
XYZ(35.2061, 29.8876, 29.7700)
contains.

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Color

**XYZ(35.2015, 29.8232,
29.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	C1848F
RGB	193, 132, 143
RGB Percent	76%, 52%, 56%
CMY	0.2431, 0.4823, 0.4392
CMYK	0.00, 0.32, 0.26, 0.24
HSL	349°, 33%, 64%
HSV	349°, 32%, 76%
XYZ	35.2015, 29.8232, 29.8877
YIQ	151.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

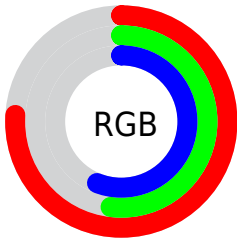
Format	Color
R_{YB}	193, 132, 143
Decimal	12682383
CIE _{Lab}	61.50, 25.01, 3.64
CIE _{LCh}	62, 25.275, 8.289
Yxy	29.8232, 0.3709, 0.3142
Android (android.graphics.Color)	4290872463 (0xFFC1848F)
YUV	151.4930, -4.1870, 36.4016
Hunter-Lab	54.6106, 19.4909, 5.7788

Details

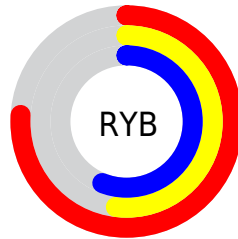
The XYZ color **35.2015, 29.8232, 29.8877** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0305, 46.4235, 51.2673**, and the grayscale version is **29.6350, 31.1784, 33.9532**.

A 20% lighter version of the original color is **67.4206, 59.6583, 60.7851**, and **15.4743, 12.2282, 11.9006** is the 20% darker color. If you saturate the color by 10%, you get **31.7072, 24.6191, 23.2211**, and if you desaturate by 10%, it is **39.3507, 36.0661, 37.6072**.

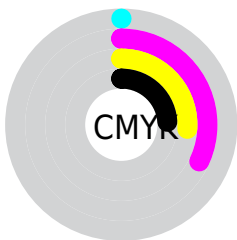
Distribution



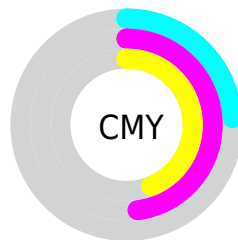
- Red (76%)
- Green (52%)
- Blue (56%)



- Red (76%)
- Yellow (52%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (24%)





- Cyan (24%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2015, 29.8232, 29.8877 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 35.2015, 29.8232, 29.8877 by changing the saturation by 10% instead.


 35.2015, 29.8232,
29.8877


 35.2015, 29.8232,
29.8877


316.9493,
301.0795, 315.5716


 23.9854, 19.7044,
19.5020


 67.1298, 59.3825,
60.5434

 15.4474, 12.1804,
11.8531


 88.5726, 79.5918,
81.6506

 9.2224, 6.8666,
6.5224


 114.1551,
103.9333, 107.1687

 4.9448, 3.3788,
3.0914

144.2426,
132.7916, 137.5162

 2.2493, 1.3326,
1.1415

179.2004,
166.5510, 173.1117

 0.7685, 0.1662,
0.0000

219.3938,

 0.0000, 0.0000,

205.5958, 214.3738

0.0000

265.1884,
250.3105, 261.7209

■ 35.2015, 29.8232,
29.8877

■ 35.2015, 29.8232,
29.8877

■ 31.7072, 24.6191,
23.2211

■ 39.3507, 36.0661,
37.6072

■ 28.8314, 20.3931,
17.5595

■ 44.1836, 43.3955,
46.4210

■ 26.5383, 17.0851,
12.8543


■ 49.7303, 51.8613,
56.3702


■ 24.7869, 14.6264,
9.0516


■ 56.0183, 61.5092,
67.4935


■ 23.5308, 12.9385,
6.0923


■ 63.0738, 72.3822,
79.8277

 22.7158, 11.9282,
3.9097

 70.9216, 84.5213,
93.4078

 22.2927, 11.4576,
2.6106

 75.6011, 89.9970,
106.9396

 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.



34.7537, 29.8232, 39.7770



35.2015, 29.8232, 29.8877



33.7020, 29.8232, 22.3406

Triad

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



35.2015, 29.8232, 29.8877



24.5433, 29.8232, 20.0503



26.0319, 29.8232, 52.7766

Complementary

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



35.2015, 29.8232, 29.8877



37.0305, 46.4235, 51.2673

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.



23.5899, 29.8232, 45.2805



35.2015, 29.8232, 29.8877



22.7788, 29.8232, 26.1217

Square

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



35.2015, 29.8232, 29.8877



27.4286, 29.8232, 17.4383



22.4440, 29.8232, 35.2020



29.2838, 29.8232, 54.3326

Rectangle

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



35.2015, 29.8232, 29.8877



31.8643, 29.8232, 19.1838



22.4440, 29.8232, 35.2020



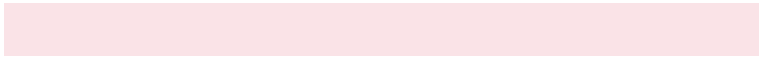
25.0968, 29.8232, 50.8059

Sweetspot

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



35.2023, 29.8246, 29.8883



81.4590, 81.2635, 87.3370



37.1260, 30.2771, 54.3395



17.1763, 16.9777, 18.1970



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.



35.2023, 29.8246, 29.8883



58.5514, 46.7083, 44.9880



37.2758, 35.2400, 26.6690



10.1457, 10.1069, 10.8578



14.8488, 7.6293, 1.8498



0.6648, 0.3389, 0.2020

Inverse Universe

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



35.2023, 29.8246, 29.8883



58.5514, 46.7083, 44.9880



34.2175, 38.9068, 56.1585



10.1457, 10.1069, 10.8578



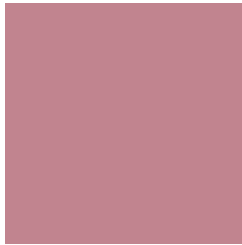
14.8488, 7.6293, 1.8498



0.6648, 0.3389, 0.2020

Previews

White Background



This preview shows how the XYZ color 35.2015, 29.8232, 29.8877 looks on a white background.

Color Contrast Check

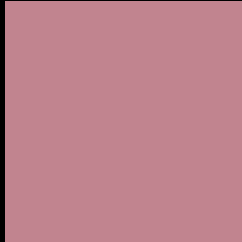
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2015, 29.8232, 29.8877 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 35.2015, 29.8232, 29.8877

Background



This preview shows how black text looks on a background with the XYZ color 35.2015, 29.8232, 29.8877.



This preview shows how white text looks on a background with the XYZ color 35.2015, 29.8232,

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

35.2015, 29.8232, 29.8877

Protanopia

29.0199, 30.0261, 33.9719

Deuteranopia

30.5069, 29.9766, 29.3775



Tritanopia

35.1261, 29.7930, 29.4905

Trichromacy



Original Color

35.2015, 29.8232, 29.8877

Protanomaly

30.8237, 29.6229, 32.5270

Deuteranomaly

32.1651, 29.9393, 29.6748

Tritanomaly

35.1261, 29.7930, 29.4905

Monochromacy



Original Color

35.2015, 29.8232, 29.8877

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 35.2015, 29.8232, 29.8877 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, 132, 143)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 143)  
}
```

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, 132, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.2015, 29.8232, 29.8877 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, 132, 143) }
```


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

```
.border{ border-color:rgb(193, 132, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 143);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2015, 29.8232, 29.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 143) }
```

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

```
.background{ background-color: rgb(193,  
132, 143) }
```

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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