

Converting Colors

XYZ(35.9464, 29.6469, 22.6114)

Have a look what the booklet for
XYZ(35.9464, 29.6469, 22.6114)
contains.

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Color

**XYZ(35.9229, 29.5649,
22.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	CB807B
RGB	203, 128, 123
RGB Percent	80%, 50%, 48%
CMY	0.2039, 0.4980, 0.5176
CMYK	0.00, 0.37, 0.39, 0.20
HSL	4°, 43%, 64%
HSV	4°, 39%, 80%
XYZ	35.9229, 29.5649, 22.5521
YIQ	149.8550, 46.3050, 14.3450

Conversions

Conversions Part 2

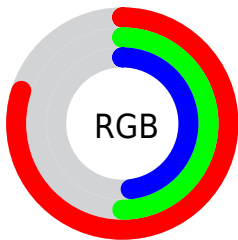
Format	Color
R _Y B	203, 128, 123
Decimal	13336699
CIE Lab	61.28, 28.41, 14.90
CIE LCh	61, 32.086, 27.677
Yxy	29.5649, 0.4080, 0.3358
Android (android.graphics.Color)	4291526779 (0xFFCB807B)
YUV	149.8550, -13.2395, 46.6082
Hunter-Lab	54.3736, 22.7754, 13.4703

Details

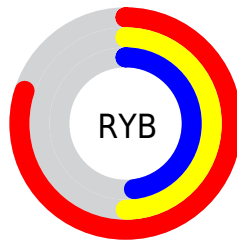
The XYZ color **35.9229, 29.5649, 22.5521** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1410, 48.9088, 63.8772**, and the grayscale version is **28.9692, 30.4779, 33.1904**.

A 20% lighter version of the original color is **65.7058, 57.8110, 48.2530**, and **15.8145, 12.0542, 7.9717** is the 20% darker color. If you saturate the color by 10%, you get **32.5278, 24.6018, 15.7876**, and if you desaturate by 10%, it is **40.0486, 35.5673, 30.8606**.

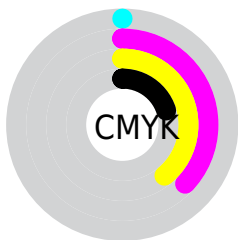
Distribution



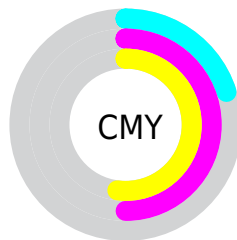
- Red (80%)
- Green (50%)
- Blue (48%)



- Red (80%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (39%)
- Black (20%)





- Cyan (20%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9229, 29.5649, 22.5521 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 35.9229, 29.5649, 22.5521 by changing the saturation by 10% instead.


 35.9229, 29.5649,
22.5521


 35.9229, 29.5649,
22.5521


320.0605,
299.8711, 278.4630


 24.5445, 19.5086,
14.0610


 68.2377, 58.9734,
48.5707

 15.8649, 12.0383,
8.0238


 89.9048, 79.0944,
66.9351

 9.5189, 6.7698,
4.0222


 115.7322,
103.3390, 89.4278

 5.1409, 3.3185,
1.6375

146.0852,
132.0917, 116.4672

 2.3658, 1.3002,
0.3174

181.3291,
165.7369, 148.4719

 0.8280, 0.1414,
0.0000

221.8295,

 0.0000, 0.0000,

204.6589, 185.8604

0.0000

267.9515,
249.2422, 229.0513

■ 35.9229, 29.5649,
22.5521

■ 35.9229, 29.5649,
22.5521

■ 32.5278, 24.6018,
15.7876

■ 40.0486, 35.5673,
30.8606

■ 29.8184, 20.6149,
10.4703

■ 44.9416, 42.6587,
40.7985

■ 27.7487, 17.5411,
6.4952

■ 50.6389, 50.8910,
52.4469

■ 26.2658, 15.3080,
3.7422

■ 57.1745, 60.3113,
65.8809

■ 25.3085, 13.8322,
2.0700

■ 64.5805, 70.9642,
81.1713

■ 24.7898, 13.0085,
1.2388

■ 72.8871, 82.8918,
98.3850

■ 24.7687, 12.9767,
1.1993

■ 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



37.0204, 29.5649, 33.1432



35.9229, 29.5649, 22.5521



32.6701, 29.5649, 16.2663

Triad

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



35.9229, 29.5649, 22.5521



21.7818, 29.5649, 21.2884



27.7726, 29.5649, 61.4686

Complementary

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



35.9229, 29.5649, 22.5521



39.1410, 48.9088, 63.8772

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.



23.9783, 29.5649, 56.1148



35.9229, 29.5649, 22.5521



20.7426, 29.5649, 31.2575

Square

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



35.9229, 29.5649, 22.5521



24.4949, 29.5649, 15.6755



21.5051, 29.5649, 44.2468



32.0437, 29.5649, 57.4915

Rectangle

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



35.9229, 29.5649, 22.5521



29.8696, 29.5649, 14.3966



21.5051, 29.5649, 44.2468



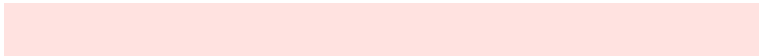
26.4028, 29.5649, 60.6767

Sweetspot

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



35.9237, 29.5664, 22.5527



82.0308, 81.2274, 82.1607



42.0204, 30.9861, 57.7990



17.2815, 16.9867, 17.0201



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.



35.9237, 29.5664, 22.5527



55.3934, 42.5528, 28.2710



42.0226, 41.7641, 24.5856



11.2677, 11.3244, 11.6714



15.7861, 8.3051, 0.7710



0.8346, 0.4688, 0.0465

Inverse Universe

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



39.1410, 48.9088, 63.8772



61.4804, 79.2126, 106.6569



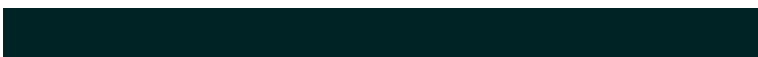
31.3462, 33.3192, 61.2790



11.4808, 12.6021, 14.3977



18.6449, 26.3137, 40.0526



0.9805, 1.3947, 2.0725

Previews

White Background



This preview shows how the XYZ color 35.9229, 29.5649, 22.5521 looks on a white background.

Color Contrast Check

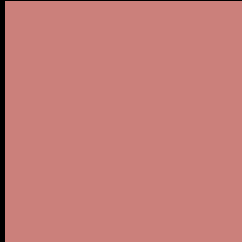
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9229, 29.5649, 22.5521 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 35.9229, 29.5649, 22.5521

Background



This preview shows how black text looks on a background with the XYZ color 35.9229, 29.5649, 22.5521.



This preview shows how white text looks on a background with the XYZ color 35.9229, 29.5649,

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

35.9229, 29.5649, 22.5521

Protanopia

28.3411, 29.8418, 26.4566

Deuteranopia

30.2259, 29.7716, 21.9227



Tritanopia

36.8066, 29.5367, 27.0538

Trichromacy



Original Color

35.9229, 29.5649, 22.5521

Protanomaly

30.5006, 29.4054, 24.8371

Deuteranomaly

32.0681, 29.6247, 22.1171

Tritanomaly

36.5879, 29.6548, 25.2683

Monochromacy



Original Color

35.9229, 29.5649, 22.5521

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.7688, 29.6745, 28.9170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9229, 29.5649, 22.5521 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(203, 128, 123)` looks like.

```
.text, #text, p{  
    color:rgb(203, 128, 123)  
}
```

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(203, 128, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 128, 123) }
```

Border

The CSS property to change the border of an element to XYZ 35.9229, 29.5649, 22.5521 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(203, 128, 123) }
```


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

```
.border{ border-color:rgb(203, 128, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 128, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 128, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 128, 123);  
box-shadow:4px 4px 4px 4px rgb(203, 128,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9229, 29.5649, 22.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 128, 123) }
```

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

```
.background{ background-color: rgb(203,  
128, 123) }
```

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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