

Converting Colors

XYZ(35.7282, 29.3363, 24.0307)

Have a look what the booklet for
XYZ(35.7282, 29.3363, 24.0307)
contains.

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Color

**XYZ(35.7028, 29.4144,
24.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	C98080
RGB	201, 128, 128
RGB Percent	79%, 50%, 50%
CMY	0.2118, 0.4980, 0.4980
CMYK	0.00, 0.36, 0.36, 0.21
HSL	0°, 40%, 65%
HSV	0°, 36%, 79%
XYZ	35.7028, 29.4144, 24.2179
YIQ	149.8270, 43.5080, 15.4760

Conversions

Conversions Part 2

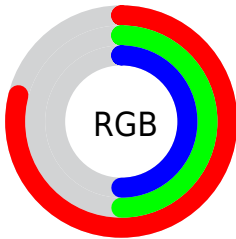
Format	Color
RYB	201, 128, 128
Decimal	13205632
CIELab	61.15, 28.24, 11.83
CIElCh	61, 30.619, 22.732
Yxy	29.4144, 0.3997, 0.3293
Android (android.graphics.Color)	4291395712 (0xFFC98080)
YUV	149.8270, -10.7607, 44.8787
Hunter-Lab	54.2350, 22.5948, 11.4894

Details

The XYZ color **35.7028, 29.4144, 24.2179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.3303, 50.5773, 62.8949**, and the grayscale version is **28.9481, 30.4556, 33.1662**.

A 20% lighter version of the original color is **66.3084, 58.0521, 51.4264**, and **15.8127, 12.0330, 8.8863** is the 20% darker color. If you saturate the color by 10%, you get **32.1416, 24.2036, 17.1375**, and if you desaturate by 10%, it is **40.0469, 35.7714, 32.8528**.

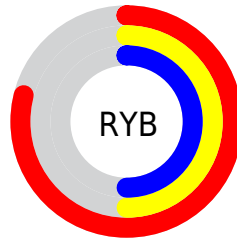
Distribution



Red (79%)

Green (50%)

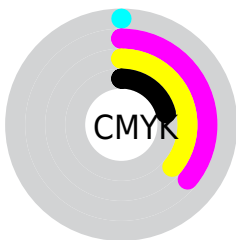
Blue (50%)



Red (79%)

Yellow (50%)

Blue (50%)

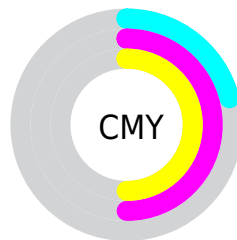


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (21%)



Cyan (21%)


Magenta (50%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7028, 29.4144, 24.2179 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 35.7028, 29.4144, 24.2179 by changing the saturation by 10% instead.


 35.7028, 29.4144,
24.2179


 35.7028, 29.4144,
24.2179


319.1136,
299.1652, 287.2422


 24.3738, 19.3945,
15.2816


 67.9000, 58.7348,
51.3338

 15.7374, 11.9557,
8.8685


 89.4989, 78.8042,
70.3506

 9.4282, 6.7135,
4.5599


 115.2517,
102.9922, 93.5646

 5.0808, 3.2836,
1.9372

145.5240,
131.6832, 121.3944

 2.3300, 1.2815,
0.5163

180.6809,
165.2616, 154.2585

 0.8100, 0.1268,
0.0000

221.0879,

 0.0000, 0.0000,

204.1118, 192.5755

0.0000

267.1104,
248.6182, 236.7639

■ 35.7028, 29.4144,
24.2179

■ 35.7028, 29.4144,
24.2179

■ 32.1416, 24.2036,
17.1375

■ 40.0469, 35.7714,
32.8528

■ 29.3145, 20.0668,
11.5176

■ 45.2141, 43.3324,
43.1250

■ 27.1712, 16.9304,
7.2570

■ 51.2446, 52.1568,
55.1136

■ 25.6537, 14.7098,
4.2405

■ 58.1755, 62.2986,
68.8921

■ 24.6948, 13.3065,
2.3344

■ 66.0415, 73.8086,
84.5296

■ 24.2083, 12.5946,
1.3676

■ 74.8755, 86.7351,
102.0917

■ 24.0874, 12.4177,
1.1273

■ 77.8973, 91.1575,
108.0973

Harmonies

Analogous

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



36.3397, 29.4144, 34.9077



35.7028, 29.4144, 24.2179



32.8998, 29.4144, 17.4529

Triad

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



35.7028, 29.4144, 24.2179



22.2507, 29.4144, 20.4140



26.9918, 29.4144, 59.3597

Complementary

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



35.7028, 29.4144, 24.2179



40.3303, 50.5773, 62.8949

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.



23.5368, 29.4144, 53.0512



35.7028, 29.4144, 24.2179



20.9749, 29.4144, 29.3099

Square

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



35.7028, 29.4144, 24.2179



25.0780, 29.4144, 15.6519



21.4221, 29.4144, 41.3573



31.0494, 29.4144, 57.0656

Rectangle

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



35.7028, 29.4144, 24.2179



30.3132, 29.4144, 15.2086



21.4221, 29.4144, 41.3573



25.7271, 29.4144, 58.1322

Sweetspot

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



35.7036, 29.4158, 24.2185



82.5541, 81.7151, 84.0584



42.3492, 32.0731, 59.2168



17.3685, 17.0493, 17.3927



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.



35.7036, 29.4158, 24.2185



55.9763, 42.8242, 31.2229



41.3488, 40.7064, 26.1002



10.6340, 10.6371, 11.0554



15.1454, 7.8079, 0.7088



0.7172, 0.3697, 0.0336

Inverse Universe

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



40.3303, 50.5773, 62.8949



65.1008, 84.5572, 107.4977



32.8100, 35.5367, 60.3881



10.9467, 12.0675, 13.6698



19.7597, 28.9133, 39.2837



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 35.7028, 29.4144, 24.2179 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 35.7028, 29.4144, 24.2179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

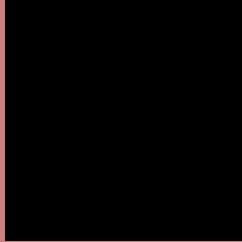
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7028, 29.4144, 24.2179

Background



This preview shows how black text looks on a background with the XYZ color 35.7028, 29.4144, 24.2179.



This preview shows how white text looks on a background with the XYZ color 35.7028, 29.4144,

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

35.7028, 29.4144, 24.2179

Protanopia

28.1580, 29.4747, 28.2499

Deuteranopia

29.9522, 29.3727, 23.4929



Tritanopia

36.3904, 29.5129, 27.0711

Trichromacy



Original Color

35.7028, 29.4144, 24.2179

Protanomaly

30.2587, 29.0234, 26.5615

Deuteranomaly

31.7676, 29.2214, 23.7046

Tritanomaly

36.1801, 29.4288, 25.9637

Monochromacy



Original Color

35.7028, 29.4144, 24.2179

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.9177, 29.7340, 29.7009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7028, 29.4144, 24.2179 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(201, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(201, 128, 128)  
}
```

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(201, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 128, 128) }
```

Border

The CSS property to change the border of an element to XYZ 35.7028, 29.4144, 24.2179 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(201, 128, 128) }
```


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

```
.border{ border-color:rgb(201, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(201, 128,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7028, 29.4144, 24.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 128, 128) }
```

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

```
.background{ background-color: rgb(201,  
128, 128) }
```

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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