

Converting Colors

XYZ(35.6163, 29.0616, 23.9581)

Have a look what the booklet for
XYZ(35.6163, 29.0616, 23.9581)
contains.

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Color

**XYZ(35.6487, 29.0106,
23.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7E7F
RGB	202, 126, 127
RGB Percent	79%, 49%, 50%
CMY	0.2078, 0.5059, 0.5020
CMYK	0.00, 0.38, 0.37, 0.21
HSL	359°, 42%, 64%
HSV	359°, 38%, 79%
XYZ	35.6487, 29.0106, 23.7994
YIQ	148.8380, 44.9750, 16.4230

Conversions

Conversions Part 2

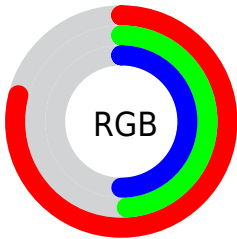
Format	Color
R_{YB}	202, 126, 127
Decimal	13270655
CIE Lab	60.79, 29.59, 11.92
CIE LCh	61, 31.899, 21.948
Yxy	29.0106, 0.4030, 0.3280
Android (android.graphics.Color)	4291460735 (0xFFCA7E7F)
YUV	148.8380, -10.7661, 46.6231
Hunter-Lab	53.8615, 23.8842, 11.5050

Details

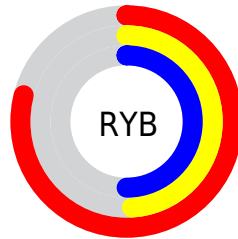
The XYZ color **35.6487, 29.0106, 23.7994** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2686, 50.8942, 62.9623**, and the grayscale version is **28.5303, 30.0161, 32.6875**.

A 20% lighter version of the original color is **65.7995, 57.1978, 50.7523**, and **15.8136, 11.8299, 8.6577** is the 20% darker color. If you saturate the color by 10%, you get **32.1484, 23.8875, 16.8444**, and if you desaturate by 10%, it is **39.9291, 35.2824, 32.2833**.

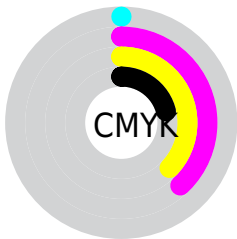
Distribution



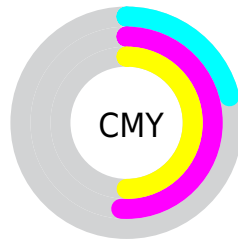
- Red (79%)
- Green (49%)
- Blue (50%)



- Red (79%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (37%)
- Black (21%)





- Cyan (21%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6487, 29.0106, 23.7994 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 35.6487, 29.0106, 23.7994 by changing the saturation by 10% instead.


 35.6487, 29.0106,
23.7994


 35.6487, 29.0106,
23.7994


318.8805,
297.2650, 285.0586


 24.3319, 19.0888,
14.9741


 67.8169, 58.0939,
50.6424

 15.7060, 11.7345,
8.6548


 89.3990, 78.0243,
69.4971

 9.4059, 6.5632,
4.4230


 115.1335,
102.0596, 92.5320

 5.0661, 3.1904,
1.8601

145.3859,
130.5844, 120.1657

 2.3213, 1.2319,
0.4672

180.5214,
163.9829, 152.8166

 0.8055, 0.0876,
0.0000

220.9055,

 0.0000, 0.0000,

202.6395, 190.9034

0.0000

266.9034,
246.9388, 234.8445

■ 35.6487, 29.0106,
23.7994

■ 35.6487, 29.0106,
23.7994

■ 32.1484, 23.8875,
16.8444

■ 39.9291, 35.2824,
32.2833

■ 29.3791, 19.8396,
11.3257

■ 45.0303, 42.7620,
42.3777

■ 27.2897, 16.7915,
7.1436

■ 50.9928, 51.5097,
54.1603

■ 25.8216, 14.6564,
4.1848

■ 57.8538, 61.5804,
67.7037

■ 24.9064, 13.3327,
2.3174

■ 65.6484, 73.0260,
83.0757

■ 24.4497, 12.6770,
1.3704

■ 74.4096, 85.8954,
100.3410

■ 24.3715, 12.5623,
1.2162

■ 78.1670, 91.2965,
108.1099

Harmonies

Analogous

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



36.2444, 29.0106, 34.8948



35.6487, 29.0106, 23.7994



32.7852, 29.0106, 16.8042

Triad

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



35.6487, 29.0106, 23.7994



21.7604, 29.0106, 19.5012



26.4720, 29.0106, 60.0159

Complementary

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



35.6487, 29.0106, 23.7994



40.2686, 50.8942, 62.9623

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.



22.9460, 29.0106, 53.1930



35.6487, 29.0106, 23.7994



20.4094, 29.0106, 28.4962

Square

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



35.6487, 29.0106, 23.7994



24.7001, 29.0106, 14.7907



20.8206, 29.0106, 40.9128



30.6620, 29.0106, 57.8494

Rectangle

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



35.6487, 29.0106, 23.7994



30.1186, 29.0106, 14.4729



20.8206, 29.0106, 40.9128



25.1763, 29.0106, 58.6477

Sweetspot

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



35.6495, 29.0120, 23.8000



82.6044, 81.7344, 84.3255



42.1379, 31.5680, 59.7493



17.3804, 17.0539, 17.4557



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.



35.6495, 29.0120, 23.8000



55.5186, 42.0349, 30.6814



41.1737, 40.1638, 25.3229



11.2182, 11.2160, 11.6836



15.6854, 8.0848, 0.7961



0.8113, 0.4179, 0.0523

Inverse Universe

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



35.6495, 29.0120, 23.8000



55.5186, 42.0349, 30.6814



32.7694, 35.7078, 61.0421



11.2182, 11.2160, 11.6836



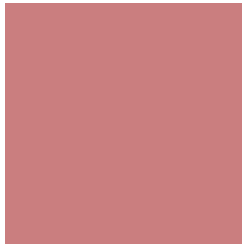
15.6854, 8.0848, 0.7961



0.8113, 0.4179, 0.0523

Previews

White Background



This preview shows how the XYZ color 35.6487, 29.0106, 23.7994 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 35.6487, 29.0106, 23.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

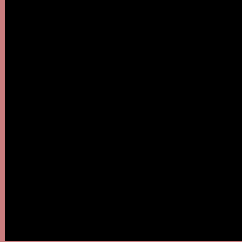
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6487, 29.0106, 23.7994

Background



This preview shows how black text looks on a background with the XYZ color 35.6487, 29.0106, 23.7994.



This preview shows how white text looks on a background with the XYZ color 35.6487, 29.0106,

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

35.6487, 29.0106, 23.7994

Protanopia

27.9701, 29.3778, 28.2411

Deuteranopia

29.5252, 28.9400, 23.0986



Tritanopia

36.2653, 29.0850, 26.2568

Trichromacy



Original Color

35.6487, 29.0106, 23.7994

Protanomaly

30.1133, 28.7325, 26.5130

Deuteranomaly

31.5619, 28.9127, 23.3193

Tritanomaly

36.0590, 29.0024, 25.1702

Monochromacy



Original Color

35.6487, 29.0106, 23.7994

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.4810, 29.2977, 29.2478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6487, 29.0106, 23.7994 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(202, 126, 127)` looks like.

```
.text, #text, p{  
    color:rgb(202, 126, 127)  
}
```

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(202, 126, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 126, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.6487, 29.0106, 23.7994 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(202, 126, 127) }
```


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

```
.border{ border-color:rgb(202, 126, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 126, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 126, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 126, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 126,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6487, 29.0106, 23.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 126, 127) }
```

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

```
.background{ background-color: rgb(202,  
126, 127) }
```

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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