

Converting Colors

XYZ(36.0271, 28.4235, 25.4180)

Have a look what the booklet for
XYZ(36.0271, 28.4235, 25.4180)
contains.

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Color

**XYZ(36.0262, 28.4224,
25.4171)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7A84
RGB	204, 122, 132
RGB Percent	80%, 48%, 52%
CMY	0.2000, 0.5215, 0.4823
CMYK	0.00, 0.40, 0.35, 0.20
HSL	353°, 45%, 64%
HSV	353°, 40%, 80%
XYZ	36.0262, 28.4224, 25.4171
YIQ	147.6580, 45.6620, 20.4940

Conversions

Conversions Part 2

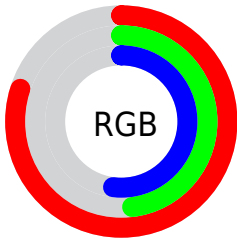
Format	Color
RYB	204, 122, 132
Decimal	13400708
CIELab	60.27, 33.11, 8.35
CIElCh	60, 34.145, 14.158
Yxy	28.4224, 0.4009, 0.3163
Android (android.graphics.Color)	4291590788 (0xFFCC7A84)
YUV	147.6580, -7.7194, 49.4119
Hunter-Lab	53.3127, 27.3248, 9.0520

Details

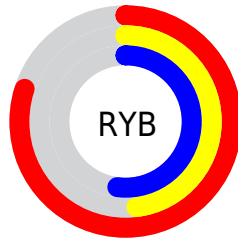
The XYZ color **36.0262, 28.4224, 25.4171** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.3578, 51.2189, 58.8535**, and the grayscale version is **28.0245, 29.4839, 32.1080**.

A 20% lighter version of the original color is **65.5223, 55.8135, 53.2186**, and **15.8472, 11.3341, 9.5361** is the 20% darker color. If you saturate the color by 10%, you get **32.6568, 23.4797, 18.7566**, and if you desaturate by 10%, it is **40.1334, 34.5036, 33.3625**.

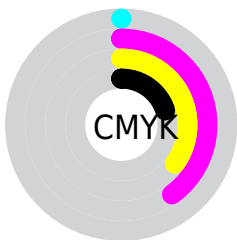
Distribution



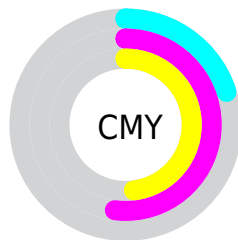
- Red (80%)
- Green (48%)
- Blue (52%)



- Red (80%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (20%)





- Cyan (20%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0262, 28.4224, 25.4171 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 36.0262, 28.4224, 25.4171 by changing the saturation by 10% instead.


 36.0262, 28.4224,
25.4171


 36.0262, 28.4224,
25.4171


320.5043,
294.4798, 293.4227


 24.6246, 18.6443,
16.1662


 68.3961, 57.1581,
53.3056

 15.9249, 11.4136,
9.4862


 90.0952, 76.8845,
72.7802

 9.5615, 6.3457,
4.9586


 115.9574,
100.6959, 96.4999

 5.1692, 3.0564,
2.1646

146.3482,
128.9765, 124.8832

 2.3827, 1.1613,
0.6539

181.6330,
162.1108, 158.3486

 0.8365, 0.0297,
0.0000

222.1770,

 0.0000, 0.0000,

200.4832, 197.3146

0.0000

268.3457,
244.4781, 242.1998

■ 36.0262, 28.4224,
25.4171

■ 36.0262, 28.4224,
25.4171

■ 32.6568, 23.4797,
18.7566

■ 40.1334, 34.5036,
33.3625

■ 29.9789, 19.6006,
13.3117

■ 45.0163, 41.7835,
42.6539

■ 27.9447, 16.7080,
9.0091


■ 50.7131, 50.3234,
53.3504


■ 26.4992, 14.7124,
5.7665


■ 57.2586, 60.1789,
65.5071

■ 25.5778, 13.5082,
3.4908

■ 64.6858, 71.4024,
79.1761

 25.0758, 12.9070,
2.0819

 73.0257, 84.0435,
94.4069

 78.7118, 91.5773,
108.1354

Harmonies

Analogous

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



35.9487, 28.4224, 38.0057



36.0262, 28.4224, 25.4171



33.5148, 28.4224, 17.0076

Triad

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



36.0262, 28.4224, 25.4171



21.5646, 28.4224, 16.6737



24.7813, 28.4224, 60.4148

Complementary

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



36.0262, 28.4224, 25.4171



39.3578, 51.2189, 58.8535

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.



21.4145, 28.4224, 50.9626



36.0262, 28.4224, 25.4171



19.6989, 28.4224, 24.8216

Square

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



36.0262, 28.4224, 25.4171



25.0076, 28.4224, 12.9633



19.6471, 28.4224, 37.2263



29.1263, 28.4224, 60.7017

Rectangle

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



36.0262, 28.4224, 25.4171



30.8524, 28.4224, 13.9259



19.6471, 28.4224, 37.2263



23.5091, 28.4224, 58.1094

Sweetspot

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



36.0270, 28.4238, 25.4176



82.0250, 80.3952, 84.6882



39.8688, 29.6264, 60.7438



17.2802, 16.7930, 17.6091



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.



36.0270, 28.4238, 25.4176



54.8803, 40.0487, 32.6561



39.6546, 36.7219, 23.4122



11.2670, 11.2355, 11.9408



15.8016, 8.1312, 1.4081



0.8341, 0.4271, 0.1724

Inverse Universe

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



36.0270, 28.4238, 25.4176



54.8803, 40.0487, 32.6561



34.0495, 38.7447, 62.8105



11.2670, 11.2355, 11.9408



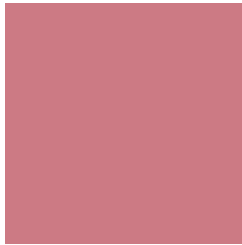
15.8016, 8.1312, 1.4081



0.8341, 0.4271, 0.1724

Previews

White Background



This preview shows how the XYZ color 36.0262, 28.4224, 25.4171 looks on a white background.

Color Contrast Check

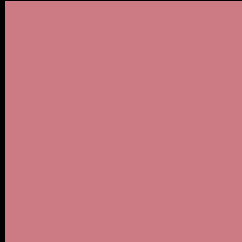
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0262, 28.4224, 25.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

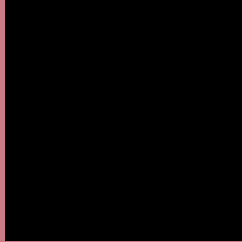
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0262, 28.4224, 25.4171

Background



This preview shows how black text looks on a background with the XYZ color 36.0262, 28.4224, 25.4171.



This preview shows how white text looks on a background with the XYZ color 36.0262, 28.4224,

25.4171.

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

36.0262, 28.4224, 25.4171

Protanopia

27.4490, 28.5910, 30.8600

Deuteranopia

29.0664, 28.4481, 24.7280



Tritanopia

35.9581, 28.3951, 25.0583

Trichromacy



Original Color

36.0262, 28.4224, 25.4171

Protanomaly

29.8277, 28.1096, 28.6645

Deuteranomaly

31.2392, 28.0901, 24.8945

Tritanomaly

35.9581, 28.3951, 25.0583

Monochromacy



Original Color

36.0262, 28.4224, 25.4171

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2636, 28.7431, 29.5441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0262, 28.4224, 25.4171 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(204, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 132)  
}
```

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(204, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 132) }
```

Border

The CSS property to change the border of an element to XYZ 36.0262, 28.4224, 25.4171 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(204, 122, 132) }
```


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

```
.border{ border-color:rgb(204, 122, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 122, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0262, 28.4224, 25.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 132) }
```

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

```
.background{ background-color: rgb(204,  
122, 132) }
```

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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