

Converting Colors

XYZ(35.7871, 28.5790, 31.9953)

Have a look what the booklet for
XYZ(35.7871, 28.5790, 31.9953)
contains.

XYZ(35.6584, 28.4555, 32.0468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.6584, 28.4555,
32.0468)**

Conversions

Conversions Part 1

Format	Color
Hex	C57C95
RGB	197, 124, 149
RGB Percent	77%, 49%, 58%
CMY	0.2274, 0.5137, 0.4157
CMYK	0.00, 0.37, 0.24, 0.23
HSL	339°, 39%, 63%
HSV	339°, 37%, 77%
XYZ	35.6584, 28.4555, 32.0468
YIQ	148.6770, 35.4830, 23.2510

Conversions

Conversions Part 2

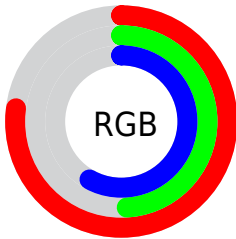
Format	Color
R _Y B	197, 124, 149
Decimal	12942485
CIE Lab	60.30, 31.74, -1.49
CIE LCh	60, 31.780, 357.316
Yxy	28.4555, 0.3708, 0.2959
Android (android.graphics.Color)	4291132565 (0xFFC57C95)
YUV	148.6770, 0.1592, 42.3793
Hunter-Lab	53.3437, 25.9696, 1.7215

Details

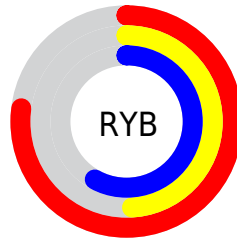
The XYZ color **35.6584, 28.4555, 32.0468** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.7261, 47.1969, 46.2589**, and the grayscale version is **28.4210, 29.9011, 32.5623**.

A 20% lighter version of the original color is **67.9399, 57.4126, 64.0008**, and **15.8087, 11.5302, 12.9476** is the 20% darker color. If you saturate the color by 10%, you get **32.4544, 23.6114, 26.1568**, and if you desaturate by 10%, it is **39.4723, 34.3347, 38.7082**.

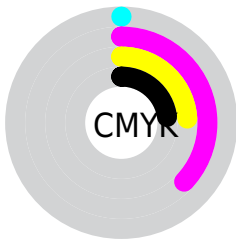
Distribution



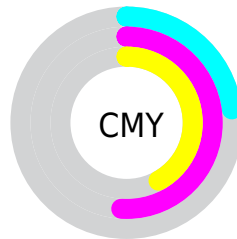
- Red (77%)
- Green (49%)
- Blue (58%)



- Red (77%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6584, 28.4555, 32.0468 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 35.6584, 28.4555, 32.0468 by changing the saturation by 10% instead.


 35.6584, 28.4555,
32.0468


 35.6584, 28.4555,
32.0468


318.9223,
294.6371, 325.8317


 24.3394, 18.6693,
21.1321


 67.8318, 57.2109,
63.9832

 15.7117, 11.4316,
13.0284


 89.4169, 76.9488,
85.8420

 9.4099, 6.3579,
7.3172


 115.1547,
100.7728, 112.1860

 5.0687, 3.0639,
3.5798

145.4107,
129.0672, 143.4336

 2.3228, 1.1652,
1.3978

180.5500,
162.2164, 180.0035

 0.8063, 0.0330,
0.1400

220.9382,

 0.0000, 0.0000,

200.6049, 222.3141

0.0000

266.9405,
244.6170, 270.7840

■ 35.6584, 28.4555,
32.0468

■ 35.6584, 28.4555,
32.0468

■ 32.4544, 23.6114,
26.1568

■ 39.4723, 34.3347,
38.7082

■ 29.8245, 19.7377,
21.0071

■ 43.9242, 41.3004,
46.1673

■ 27.7329, 16.7688,
16.5664


■ 49.0436, 49.4056,
54.4510

■ 26.1385, 14.6293,
12.8004


■ 54.8571, 58.6987,
63.5845


■ 24.9938, 13.2311,
9.6714


■ 61.3901, 69.2250,
73.5916


 24.2353, 12.4549,
7.1344

 68.6666, 81.0277,
84.4955

 24.0530, 12.2811,
6.4854

 74.4667, 89.6626,
95.5707

 76.4574, 90.4589,
106.0537

 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



34.1965, 28.4555, 44.7598



35.6584, 28.4555, 32.0468



34.6276, 28.4555, 21.7790

Triad

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



35.6584, 28.4555, 32.0468



23.6053, 28.4555, 15.0082



23.0292, 28.4555, 53.9857

Complementary

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



35.6584, 28.4555, 32.0468



35.7261, 47.1969, 46.2589

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.



20.6608, 28.4555, 42.4721



35.6584, 28.4555, 32.0468



20.9692, 28.4555, 20.3704

Square

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



35.6584, 28.4555, 32.0468



27.4150, 28.4555, 13.5304



19.9458, 28.4555, 29.9434



26.6806, 28.4555, 59.2616

Rectangle

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



35.6584, 28.4555, 32.0468



32.7175, 28.4555, 17.2345



19.9458, 28.4555, 29.9434



22.0711, 28.4555, 50.5946

Sweetspot

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



35.6592, 28.4569, 32.0474



83.9165, 82.2593, 91.2352



34.1796, 27.1565, 56.2638



17.6908, 17.1780, 19.0901



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.



35.6592, 28.4569, 32.0474



59.3956, 44.1902, 49.2339



35.3220, 30.6409, 23.1230



10.7813, 10.6959, 11.8314



15.8562, 8.0921, 4.4528



0.7849, 0.3968, 0.3903

Inverse Universe

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



35.6592, 28.4569, 32.0474



59.3956, 44.1902, 49.2339



35.9606, 43.4560, 59.3161



10.7813, 10.6959, 11.8314



15.8562, 8.0921, 4.4528



0.7849, 0.3968, 0.3903

Previews

White Background



This preview shows how the XYZ color 35.6584, 28.4555, 32.0468 looks on a white background.

Color Contrast Check

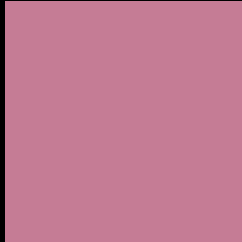
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6584, 28.4555, 32.0468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

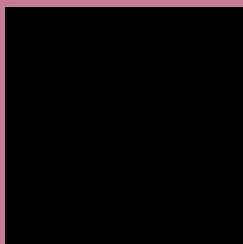
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6584, 28.4555, 32.0468

Background



This preview shows how black text looks on a background with the XYZ color 35.6584, 28.4555, 32.0468.



This preview shows how white text looks on a background with the XYZ color 35.6584, 28.4555,

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

35.6584, 28.4555, 32.0468

Protanopia

28.1486, 28.7887, 38.2556

Deuteranopia

29.2104, 28.5987, 31.1747



Tritanopia

34.6697, 28.4350, 26.9538

Trichromacy



Original Color

35.6584, 28.4555, 32.0468

Protanomaly

30.1357, 28.1122, 35.7362

Deuteranomaly

31.1640, 28.3188, 31.4273

Tritanomaly

34.9063, 28.3261, 28.8270

Monochromacy



Original Color

35.6584, 28.4555, 32.0468

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.5288, 29.0331, 32.4287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6584, 28.4555, 32.0468 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(197, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 149)  
}
```

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(197, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 149) }
```

Border

The CSS property to change the border of an element to XYZ 35.6584, 28.4555, 32.0468 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(197, 124, 149) }
```


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

```
.border{ border-color:rgb(197, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(197, 124,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6584, 28.4555, 32.0468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 124, 149) }
```

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

```
.background{ background-color: rgb(197,  
124, 149) }
```

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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