

Converting Colors

XYZ(37.5894, 27.9506, 34.3945)

Have a look what the booklet for
XYZ(37.5894, 27.9506, 34.3945)
contains.

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Color

**XYZ(37.6154, 27.9792,
34.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	CE749B
RGB	206, 116, 155
RGB Percent	81%, 45%, 61%
CMY	0.1922, 0.5451, 0.3922
CMYK	0.00, 0.44, 0.25, 0.19
HSL	334°, 48%, 63%
HSV	334°, 44%, 81%
XYZ	37.6154, 27.9792, 34.4283
YIQ	147.3560, 41.1210, 31.2090

Conversions

Conversions Part 2

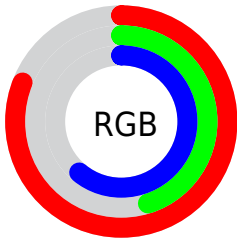
Format	Color
R _Y B	206, 116, 155
Decimal	13530267
CIE Lab	59.87, 40.07, -5.44
CIE LCh	60, 40.438, 352.264
Yxy	27.9792, 0.3761, 0.2797
Android (android.graphics.Color)	4291720347 (0xFFCE749B)
YUV	147.3560, 3.7685, 51.4308
Hunter-Lab	52.8954, 34.3695, -1.5637

Details

The XYZ color **37.6154, 27.9792, 34.4283** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.2502, 50.6464, 44.4270**, and the grayscale version is **27.8543, 29.3049, 31.9130**.

A 20% lighter version of the original color is **67.1233, 54.6129, 67.3252**, and **16.9667, 11.2641, 14.3766** is the 20% darker color. If you saturate the color by 10%, you get **34.5653, 23.3727, 28.8061**, and if you desaturate by 10%, it is **41.2884, 33.6793, 40.7263**.

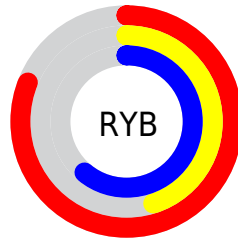
Distribution



Red (81%)

Green (45%)

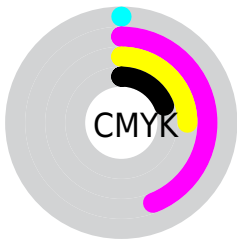
Blue (61%)



Red (81%)

Yellow (45%)

Blue (61%)

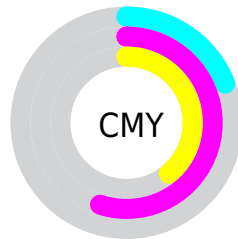


Cyan (0%)

Magenta (44%)

Yellow (25%)

Black (19%)



Cyan (19%)


Magenta (55%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6154, 27.9792, 34.4283 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 37.6154, 27.9792, 34.4283 by changing the saturation by 10% instead.


 37.6154, 27.9792,
34.4283


 37.6154, 27.9792,
34.4283


327.2767,
292.3675, 336.8649

 25.8602, 18.3100,
22.9428


 70.8260, 56.4512,
67.7406

 16.8512, 11.1728,
14.3464


 93.0120, 76.0228,
90.4046

 10.2231, 6.1832,
8.2205


 119.4058, 99.6640,
117.6317

 5.6105, 2.9568,
4.1466

150.3725,
127.7592, 149.8407

 2.6481, 1.1092,
1.7061

186.2776,
160.6927, 187.4499

 0.9705, 0.0000,
0.3649

227.4864,

 0.0000, 0.0000,

198.8490, 230.8780

0.0000

274.3644,
242.6125, 280.5435

■ 37.6154, 27.9792,
34.4283

■ 37.6154, 27.9792,
34.4283

■ 34.5653, 23.3727,
28.8061

■ 41.2884, 33.6793,
40.7263

■ 32.0977, 19.7841,
23.8324

■ 45.6165, 40.5339,
47.7228

■ 30.1713, 17.1349,
19.4797

■ 50.6322, 48.6041,
55.4411


■ 28.7375, 15.3327,
15.7174


■ 56.3655, 57.9457,
63.9028

■ 27.7382, 14.2660,
12.5109

■ 62.8441, 68.6109,
73.1287

 27.2678, 13.8475,
10.7443

 70.0946, 80.6490,
83.1385

 76.4587, 90.7398,
93.3901

 78.2179, 91.4436,
102.6544

 79.2637, 91.8619,
108.1612

Harmonies

Analogous

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



35.1829, 27.9792, 51.2341



37.6154, 27.9792, 34.4283



36.8077, 27.9792, 20.9651

Triad

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



37.6154, 27.9792, 34.4283



23.0282, 27.9792, 11.0848



21.0011, 27.9792, 58.7156

Complementary

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



37.6154, 27.9792, 34.4283



36.2502, 50.6464, 44.4270

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.



18.4686, 27.9792, 42.4714



37.6154, 27.9792, 34.4283



19.5298, 27.9792, 16.2382

Square

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



37.6154, 27.9792, 34.4283



27.9436, 27.9792, 10.1688



17.9669, 27.9792, 26.8174



25.2874, 27.9792, 67.9118

Rectangle

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



37.6154, 27.9792, 34.4283



34.5826, 27.9792, 15.1400



17.9669, 27.9792, 26.8174



19.9404, 27.9792, 53.6902

Sweetspot

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



37.6162, 27.9806, 34.4288



82.4929, 79.4915, 90.5155



33.3236, 25.1641, 61.4936



17.2440, 16.3463, 18.7508



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.



37.6162, 27.9806, 34.4288



56.4723, 38.5669, 47.5709



35.5666, 28.3033, 20.1133



11.4108, 11.2930, 12.6978



16.8374, 8.5455, 6.8622



0.9065, 0.4560, 0.5532

Inverse Universe

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



37.6162, 27.9806, 34.4288



56.4723, 38.5669, 47.5709



38.9983, 49.4785, 65.8876



11.4108, 11.2930, 12.6978



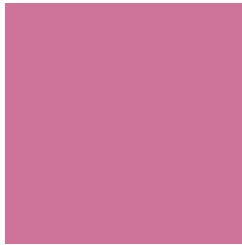
16.8374, 8.5455, 6.8622



0.9065, 0.4560, 0.5532

Previews

White Background



This preview shows how the XYZ color 37.6154, 27.9792, 34.4283 looks on a white background.

Color Contrast Check

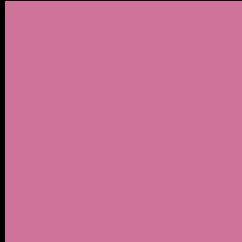
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6154, 27.9792, 34.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

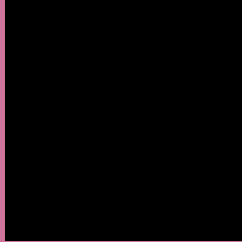
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.6154, 27.9792, 34.4283

Background



This preview shows how black text looks on a background with the XYZ color 37.6154, 27.9792, 34.4283.



This preview shows how white text looks on a background with the XYZ color 37.6154, 27.9792,

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

37.6154, 27.9792, 34.4283

Protanopia

28.0127, 28.1510, 43.4924

Deuteranopia

28.6743, 28.0585, 33.1827



Tritanopia

35.4952, 27.9830, 24.6495

Trichromacy



Original Color

37.6154, 27.9792, 34.4283

Protanomaly

30.3747, 27.3148, 39.7477

Deuteranomaly

31.2394, 27.4983, 33.3670

Tritanomaly

36.1589, 27.8951, 27.9046

Monochromacy



Original Color

37.6154, 27.9792, 34.4283

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.4576, 28.1352, 32.6795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6154, 27.9792, 34.4283 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(206, 116, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 116, 155)  
}
```

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(206, 116, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 116, 155) }
```

Border

The CSS property to change the border of an element to XYZ 37.6154, 27.9792, 34.4283 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(206, 116, 155) }
```


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

```
.border{ border-color:rgb(206, 116, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 116, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 116, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 116, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 116,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6154, 27.9792, 34.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 116, 155) }
```

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

```
.background{ background-color: rgb(206,  
116, 155) }
```

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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