

Converting Colors

XYZ(34.4577, 26.5581, 20.8363)

Have a look what the booklet for
XYZ(34.4577, 26.5581, 20.8363)
contains.

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Color

**XYZ(34.3623, 26.4307,
20.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7377
RGB	204, 115, 119
RGB Percent	80%, 45%, 47%
CMY	0.2000, 0.5490, 0.5333
CMYK	0.00, 0.44, 0.42, 0.20
HSL	357°, 47%, 63%
HSV	357°, 44%, 80%
XYZ	34.3623, 26.4307, 20.7433
YIQ	142.0670, 51.7600, 20.1120

Conversions

Conversions Part 2

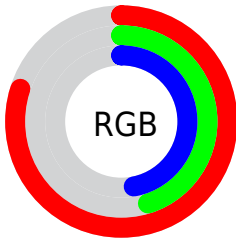
Format	Color
R_{YB}	204, 115, 119
Decimal	13398903
CIE Lab	58.44, 35.31, 13.27
CIE LCh	58, 37.726, 20.595
Yxy	26.4307, 0.4214, 0.3242
Android (android.graphics.Color)	4291588983 (0xFFCC7377)
YUV	142.0670, -11.3720, 54.3152
Hunter-Lab	51.4108, 29.3382, 12.0651

Details

The XYZ color **34.3623, 26.4307, 20.7433** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.0897, 51.0012, 62.4304**, and the grayscale version is **25.7676, 27.1095, 29.5222**.

A 20% lighter version of the original color is **62.5933, 52.2055, 45.3057**, and **15.0033, 10.3248, 7.1634** is the 20% darker color. If you saturate the color by 10%, you get **31.2355, 21.8617, 14.5077**, and if you desaturate by 10%, it is **38.2451, 32.1278, 28.4148**.

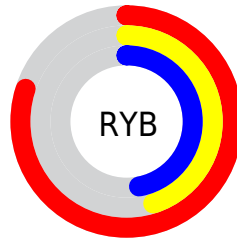
Distribution



Red (80%)

Green (45%)

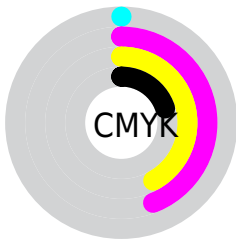
Blue (47%)



Red (80%)

Yellow (45%)

Blue (47%)

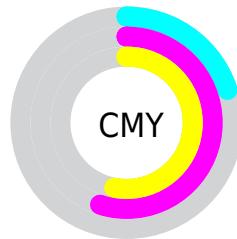


Cyan (0%)

Magenta (44%)

Yellow (42%)

Black (20%)



Cyan (20%)


Magenta (55%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3623, 26.4307, 20.7433 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 34.3623, 26.4307, 20.7433 by changing the saturation by 10% instead.


 34.3623, 26.4307,
20.7433


 34.3623, 26.4307,
20.7433


313.3021,
284.8900, 268.6472


 23.3363, 17.1461,
12.7471


 65.8372, 53.9690,
45.5352

 14.9641, 10.3387,
7.1259


 87.0169, 72.9914,
63.1679

 8.8803, 5.6241,
3.4613


 112.3117, 96.0287,
84.8498

 4.7197, 2.6179,
1.3348

142.0872,
123.4651, 110.9996

 2.1168, 0.9357,
0.0900

176.7086,
155.6850, 142.0356

 0.6983, 0.0000,
0.0000

216.5413,

 0.0000, 0.0000,

193.0729, 178.3766

0.0000

261.9507,
236.0131, 220.4409

■ 34.3623, 26.4307,
20.7433

■ 34.3623, 26.4307,
20.7433

■ 31.2355, 21.8617,
14.5077

■ 38.2451, 32.1278,
28.4148

■ 28.8135, 18.3421,
9.6175

■ 42.9266, 39.0167,
37.6023

■ 27.0421, 15.7897,
5.9738

■ 48.4486, 47.1611,
48.3818

■ 25.8583, 14.1083,
3.4640

■ 54.8495, 56.6193,
60.8235

■ 25.1866, 13.1817,
1.9548

■ 62.1653, 67.4456,
74.9938

■ 24.9520, 12.8574,
1.4296

■ 70.4302, 79.6915,
90.9551

■ 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.



34.9163, 26.4307, 33.1277



34.3623, 26.4307, 20.7433



31.1766, 26.4307, 13.2869

Triad

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



34.3623, 26.4307, 20.7433



18.8783, 26.4307, 15.4884



23.7013, 26.4307, 61.7749

Complementary

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



34.3623, 26.4307, 20.7433



39.0897, 51.0012, 62.4304

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.



19.9062, 26.4307, 53.1764



34.3623, 26.4307, 20.7433



17.3548, 26.4307, 24.8277

Square

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



34.3623, 26.4307, 20.7433



22.1319, 26.4307, 10.9605



17.7066, 26.4307, 38.6596



28.3691, 26.4307, 59.6683

Rectangle

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



34.3623, 26.4307, 20.7433



28.1820, 26.4307, 10.8660



17.7066, 26.4307, 38.6596



22.2912, 26.4307, 59.9618

Sweetspot

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



34.3630, 26.4320, 20.7438



80.6864, 78.7689, 81.0026



40.7299, 28.8399, 60.5466



16.8028, 16.1698, 16.4273



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.



34.3630, 26.4320, 20.7438



52.1683, 36.8453, 24.9063



39.7268, 37.5356, 21.3726



11.2324, 11.2217, 11.7584



15.7143, 8.0963, 0.9482



0.8180, 0.4206, 0.0874

Inverse Universe

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



34.3630, 26.4320, 20.7438



52.1683, 36.8453, 24.9063



31.2370, 34.5387, 62.1469



11.2324, 11.2217, 11.7584



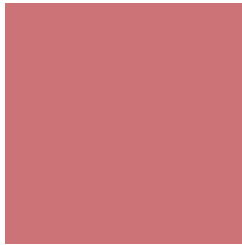
15.7143, 8.0963, 0.9482



0.8180, 0.4206, 0.0874

Previews

White Background



This preview shows how the XYZ color 34.3623, 26.4307, 20.7433 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 34.3623, 26.4307, 20.7433 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 34.3623, 26.4307, 20.7433

Background



This preview shows how black text looks on a background with the XYZ color 34.3623, 26.4307, 20.7433.



This preview shows how white text looks on a background with the XYZ color 34.3623, 26.4307,

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

34.3623, 26.4307, 20.7433

Protanopia

25.3970, 26.5331, 25.6126

Deuteranopia

27.0029, 26.6327, 19.9371



Tritanopia

34.4943, 26.3021, 21.9976

Trichromacy



Original Color

34.3623, 26.4307, 20.7433

Protanomaly

27.8834, 25.9804, 23.6238

Deuteranomaly

29.2317, 26.1643, 20.0325

Tritanomaly

34.4320, 26.2771, 21.6696

Monochromacy



Original Color

34.3623, 26.4307, 20.7433

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.0714, 26.2231, 26.1363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3623, 26.4307, 20.7433 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, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(204, 115, 119)  
}
```

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, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 34.3623, 26.4307, 20.7433 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, 115, 119) }
```


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

```
.border{ border-color:rgb(204, 115, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(204, 115,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3623, 26.4307, 20.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 115, 119) }
```

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

```
.background{ background-color: rgb(204,  
115, 119) }
```

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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