

Converting Colors

XYZ(40.1241, 33.2724, 35.7604)

Have a look what the booklet for
XYZ(40.1241, 33.2724, 35.7604)
contains.

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Color

**XYZ(40.1232, 33.2708,
35.7597)**

Conversions

Conversions Part 1

Format	Color
Hex	CD899C
RGB	205, 137, 156
RGB Percent	80%, 54%, 61%
CMY	0.1961, 0.4627, 0.3882
CMYK	0.00, 0.33, 0.24, 0.20
HSL	343°, 40%, 67%
HSV	343°, 33%, 80%
XYZ	40.1232, 33.2708, 35.7597
YIQ	159.4980, 34.4290, 20.3250

Conversions

Conversions Part 2

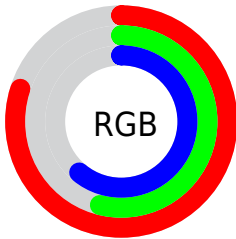
Format	Color
R _Y B	205, 137, 156
Decimal	13470108
CIE Lab	64.38, 28.61, 0.60
CIE LCh	64, 28.621, 1.196
Yxy	33.2708, 0.3676, 0.3048
Android (android.graphics.Color)	4291660188 (0xFFCD899C)
YUV	159.4980, -1.7245, 39.9053
Hunter-Lab	57.6808, 23.2244, 3.6193

Details

The XYZ color **40.1232, 33.2708, 35.7597** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0122, 52.5269, 54.4340**, and the grayscale version is **33.1802, 34.9082, 38.0150**.

A 20% lighter version of the original color is **71.5037, 63.1747, 69.3981**, and **18.2720, 14.0651, 15.1164** is the 20% darker color. If you saturate the color by 10%, you get **36.3054, 27.5167, 28.6861**, and if you desaturate by 10%, it is **44.6487, 40.1962, 43.8206**.

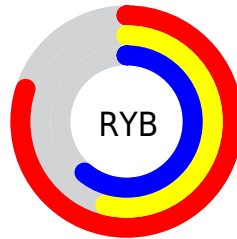
Distribution



Red (80%)

Green (54%)

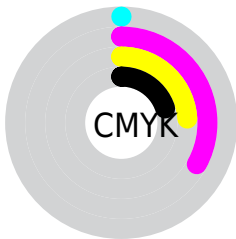
Blue (61%)



Red (80%)

Yellow (54%)

Blue (61%)

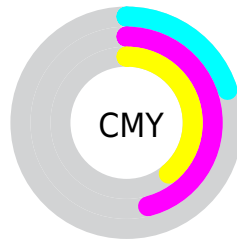


Cyan (0%)

Magenta (33%)

Yellow (24%)

Black (20%)



Cyan (20%)


Magenta (46%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1232, 33.2708, 35.7597 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 40.1232, 33.2708, 35.7597 by changing the saturation by 10% instead.


 40.1232, 33.2708,
35.7597


 40.1232, 33.2708,
35.7597

337.7681,
316.8682, 342.9146


 27.8193, 22.3340,
23.9604


 74.6342, 64.7981,
69.8259

 18.3292, 14.1025,
15.0924


 97.5720, 86.1573,
92.9299

 11.2877, 8.1920,
8.7369


 124.7851,
111.7595, 120.6392

 6.3294, 4.2180,
4.4755

156.6389,
141.9890, 153.3724

 3.0890, 1.7963,
1.8897

193.4988,
177.2303, 191.5480

 1.2010, 0.4848,
0.4861

235.7300,

 0.1071, 0.0000,

217.8676, 235.5845

0.0000

283.6980,
264.2855, 285.9005

■ 0.0000, 0.0000,
0.0000

■ 40.1232, 33.2708,
35.7597

■ 40.1232, 33.2708,
35.7597

■ 36.3054, 27.5167,
28.6861

■ 44.6487, 40.1962,
43.8206

■ 33.1556, 22.8640,
22.5587

■ 49.9132, 48.3481,
52.9036

■ 30.6343, 19.2429,
17.3362

■ 55.9494, 57.7839,
63.0444

■ 28.6967, 16.5734,
12.9736

■ 62.7875, 68.5561,
74.2760

■ 27.2916, 14.7636,
9.4211

■ 70.4557, 80.7142,
86.6301

■ 26.3580, 13.7030,
6.6232

■ 77.3632, 91.0697,
99.5981

■ 25.9221, 13.2773,
5.1029

■ 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



38.9994, 33.2708, 48.1522



40.1232, 33.2708, 35.7597



38.8116, 33.2708, 25.7998

Triad

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



40.1232, 33.2708, 35.7597



27.7348, 33.2708, 20.2190



27.9952, 33.2708, 59.6680

Complementary

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



40.1232, 33.2708, 35.7597



41.0122, 52.5269, 54.4340

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.



25.3816, 33.2708, 49.1400



40.1232, 33.2708, 35.7597



25.2406, 33.2708, 26.4525

Square

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



40.1232, 33.2708, 35.7597



31.4596, 33.2708, 18.1008



24.4169, 33.2708, 36.6968



31.7868, 33.2708, 63.6184

Rectangle

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



40.1232, 33.2708, 35.7597



36.7927, 33.2708, 21.3992



24.4169, 33.2708, 36.6968



26.9616, 33.2708, 56.6835

Sweetspot

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



40.1241, 33.2724, 35.7604



84.6290, 83.6682, 91.5221



40.1513, 32.7066, 61.9544



17.8234, 17.4551, 19.0978



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.



40.1241, 33.2724, 35.7604



61.0227, 47.3990, 49.9158



40.8783, 37.1569, 28.6865



11.3390, 11.2643, 12.3197



16.1727, 8.2797, 3.3622



0.8672, 0.4403, 0.3464

Inverse Universe

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



40.1241, 33.2724, 35.7604



61.0227, 47.3990, 49.9158



39.8084, 46.6697, 64.6677



11.3390, 11.2643, 12.3197



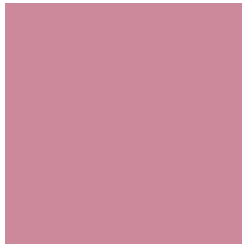
16.1727, 8.2797, 3.3622



0.8672, 0.4403, 0.3464

Previews

White Background



This preview shows how the XYZ color 40.1232, 33.2708, 35.7597 looks on a white background.

Color Contrast Check

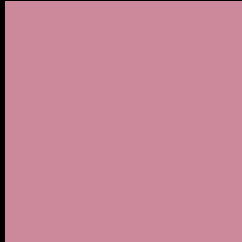
Large Text (above 18pt) WCAG AA × Fail

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 40.1232, 33.2708, 35.7597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

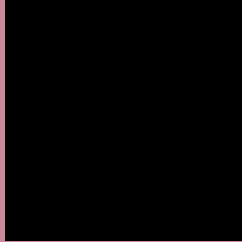
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1232, 33.2708, 35.7597

Background



This preview shows how black text looks on a background with the XYZ color 40.1232, 33.2708, 35.7597.



This preview shows how white text looks on a background with the XYZ color 40.1232, 33.2708,

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

40.1232, 33.2708, 35.7597

Protanopia

32.5738, 33.6349, 41.3346

Deuteranopia

34.0500, 33.3174, 34.7733



Tritanopia

39.4151, 33.1843, 32.7616

Trichromacy



Original Color

40.1232, 33.2708, 35.7597

Protanomaly

34.8139, 33.1379, 39.2117

Deuteranomaly

36.1192, 33.2052, 35.0774

Tritanomaly

39.6578, 33.2813, 34.0395

Monochromacy



Original Color

40.1232, 33.2708, 35.7597

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.3907, 34.1898, 37.5349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1232, 33.2708, 35.7597 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(205, 137, 156)` looks like.

```
.text, #text, p{  
    color:rgb(205, 137, 156)  
}
```

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(205, 137, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 137, 156) }
```

Border

The CSS property to change the border of an element to XYZ 40.1232, 33.2708, 35.7597 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(205, 137, 156) }
```


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

```
.border{ border-color:rgb(205, 137, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 137, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 137, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 137, 156);  
box-shadow:4px 4px 4px 4px rgb(205, 137,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1232, 33.2708, 35.7597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 137, 156) }
```

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

```
.background{ background-color: rgb(205,  
137, 156) }
```

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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