

Converting Colors

XYZ(41.0969, 33.2737, 39.3784)

Have a look what the booklet for
XYZ(41.0969, 33.2737, 39.3784)
contains.

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Color

**XYZ(41.0969, 33.2737,
39.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	CF87A4
RGB	207, 135, 164
RGB Percent	81%, 53%, 64%
CMY	0.1882, 0.4706, 0.3569
CMYK	0.00, 0.35, 0.21, 0.19
HSL	336°, 43%, 67%
HSV	336°, 35%, 81%
XYZ	41.0969, 33.2737, 39.3784
YIQ	159.8340, 33.6030, 24.2830

Conversions

Conversions Part 2

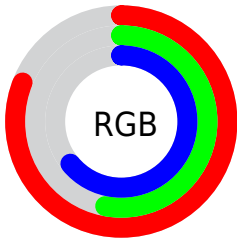
Format	Color
R _Y B	207, 135, 164
Decimal	13600676
CIE Lab	64.38, 31.61, -3.90
CIE LCh	64, 31.855, 352.960
Yxy	33.2737, 0.3613, 0.2925
Android (android.graphics.Color)	4291790756 (0xFFCF87A4)
YUV	159.8340, 2.0538, 41.3646
Hunter-Lab	57.6834, 26.2277, -0.0968

Details

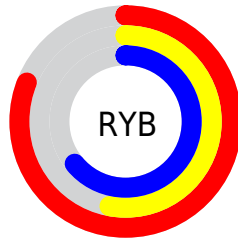
The XYZ color **41.0969, 33.2737, 39.3784** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.3418, 52.9917, 50.2242**, and the grayscale version is **33.3180, 35.0532, 38.1729**.

A 20% lighter version of the original color is **72.2238, 62.7697, 75.3270**, and **18.8575, 14.0898, 17.0549** is the 20% darker color. If you saturate the color by 10%, you get **37.4219, 27.6242, 32.9101**, and if you desaturate by 10%, it is **45.4439, 40.0927, 46.6070**.

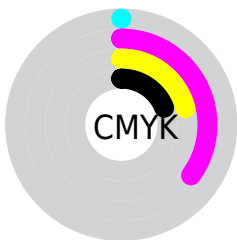
Distribution



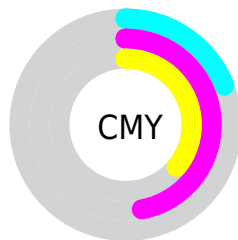
- Red (81%)
- Green (53%)
- Blue (64%)



- Red (81%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0969, 33.2737, 39.3784 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 41.0969, 33.2737, 39.3784 by changing the saturation by 10% instead.


 41.0969, 33.2737,
39.3784


 41.0969, 33.2737,
39.3784

341.7811,
316.8812, 358.9705

 28.5828, 22.3362,
26.7441


 76.1047, 64.8026,
75.4427

 18.9081, 14.1041,
17.1504


 99.3292, 86.1628,
99.7099

 11.7075, 8.1931,
10.1787


 126.8545,
111.7660, 128.6917

 6.6156, 4.2188,
5.4105

159.0460,
141.9967, 162.8068

 3.2671, 1.7967,
2.4271

196.2691,
177.2391, 202.4737

 1.2965, 0.4851,
0.8012

238.8891,

 0.1806, 0.0000,

217.8777, 248.1109

0.0000

287.2713,
264.2970, 300.1370

■ 0.0000, 0.0000,
0.0000

■ 41.0969, 33.2737,
39.3784

■ 41.0969, 33.2737,
39.3784

■ 37.4219, 27.6242,
32.9101

■ 45.4439, 40.0927,
46.6070

■ 34.3802, 23.0729,
27.1729

■ 50.4929, 48.1376,
54.6193

■ 31.9335, 19.5481,
22.1385


■ 56.2757, 57.4672,
63.4404


■ 30.0379, 16.9672,
17.7755


■ 62.8211, 68.1346,
73.0934


■ 28.6429, 15.2350,
14.0495


■ 70.1565, 80.1902,
83.6005

 27.6875, 14.2355,
10.9215

 76.9513, 90.9691,
94.5308

 27.3078, 13.8957,
9.5012

 78.8329, 91.7217,
104.4390

 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



39.1120, 33.2737, 53.4577



41.0969, 33.2737, 39.3784



40.3568, 33.2737, 27.3319

Triad

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



41.0969, 33.2737, 39.3784



28.3435, 33.2737, 17.7514



26.6568, 33.2737, 60.0528

Complementary

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



41.0969, 33.2737, 39.3784



40.3418, 52.9917, 50.2242

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.



24.2544, 33.2737, 46.8745



41.0969, 33.2737, 39.3784



25.1613, 33.2737, 23.1682

Square

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



41.0969, 33.2737, 39.3784



32.7069, 33.2737, 16.6615



23.7343, 33.2737, 33.2529



30.5685, 33.2737, 67.1092

Rectangle

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



41.0969, 33.2737, 39.3784



38.4486, 33.2737, 21.7320



23.7343, 33.2737, 33.2529



25.6618, 33.2737, 56.0604

Sweetspot

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



41.0978, 33.2753, 39.3791



85.0919, 83.8533, 93.9595



38.0593, 31.1819, 63.0444



17.9349, 17.4997, 19.6850



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.



41.0978, 33.2753, 39.3791



61.2219, 46.1715, 54.9950



39.6314, 34.0661, 27.4103



12.0032, 11.8860, 13.2927



17.2491, 8.7725, 6.2181



1.0033, 0.5060, 0.5521

Inverse Universe

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



41.0978, 33.2753, 39.3791



61.2219, 46.1715, 54.9950



42.1419, 51.4300, 66.7375



12.0032, 11.8860, 13.2927



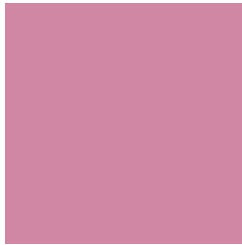
17.2491, 8.7725, 6.2181



1.0033, 0.5060, 0.5521

Previews

White Background



This preview shows how the XYZ color 41.0969, 33.2737, 39.3784 looks on a white background.

Color Contrast Check

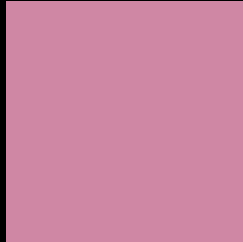
Large Text (above 18pt) WCAG AA × Fail

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 41.0969, 33.2737, 39.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

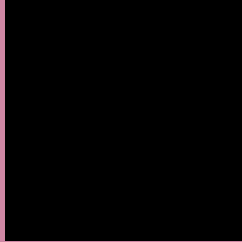
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0969, 33.2737, 39.3784

Background



This preview shows how black text looks on a background with the XYZ color 41.0969, 33.2737, 39.3784.



This preview shows how white text looks on a background with the XYZ color 41.0969, 33.2737,

39.3784.

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

41.0969, 33.2737, 39.3784

Protanopia

32.7940, 33.3893, 46.3113

Deuteranopia

34.2388, 33.5757, 38.3944



Tritanopia

39.6106, 33.2942, 32.3557

Trichromacy



Original Color

41.0969, 33.2737, 39.3784

Protanomaly

35.2699, 33.0426, 43.5487

Deuteranomaly

36.3289, 33.2337, 38.6824

Tritanomaly

40.2320, 33.3462, 34.8879

Monochromacy



Original Color

41.0969, 33.2737, 39.3784

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.6311, 34.0535, 38.4132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0969, 33.2737, 39.3784 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(207, 135, 164)` looks like.

```
.text, #text, p{  
    color:rgb(207, 135, 164)  
}
```

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(207, 135, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 135, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.0969, 33.2737, 39.3784 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(207, 135, 164) }
```


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

```
.border{ border-color:rgb(207, 135, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 135, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 135, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 135, 164);  
box-shadow:4px 4px 4px 4px rgb(207, 135,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0969, 33.2737, 39.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 135, 164) }
```

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

```
.background{ background-color: rgb(207,  
135, 164) }
```

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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