

Converting Colors

XYZ(41.8040, 32.2667, 33.4087)

Have a look what the booklet for
XYZ(41.8040, 32.2667, 33.4087)
contains.

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Color

**XYZ(41.9204, 32.4244,
33.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	D98097
RGB	217, 128, 151
RGB Percent	85%, 50%, 59%
CMY	0.1490, 0.4980, 0.4078
CMYK	0.00, 0.41, 0.30, 0.15
HSL	344°, 54%, 68%
HSV	344°, 41%, 85%
XYZ	41.9204, 32.4244, 33.3273
YIQ	157.2330, 45.6610, 26.0210

Conversions

Conversions Part 2

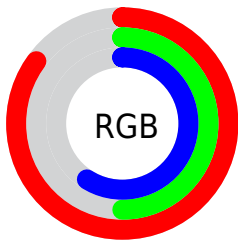
Format	Color
R _Y B	217, 128, 151
Decimal	14254231
CIE Lab	63.69, 37.10, 2.61
CIE LCh	64, 37.189, 4.032
Yxy	32.4244, 0.3893, 0.3011
Android (android.graphics.Color)	4292444311 (0xFFD98097)
YUV	157.2330, -3.0729, 52.4157
Hunter-Lab	56.9424, 31.7605, 5.1584

Details

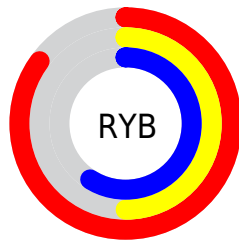
The XYZ color **41.9204, 32.4244, 33.3273** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.4541, 58.1108, 59.9681**, and the grayscale version is **32.1525, 33.8270, 36.8376**.

A 20% lighter version of the original color is **68.9874, 59.1237, 65.5336**, and **19.4513, 13.7014, 13.6760** is the 20% darker color. If you saturate the color by 10%, you get **38.1677, 26.8696, 26.0624**, and if you desaturate by 10%, it is **46.4586, 39.2641, 41.7349**.

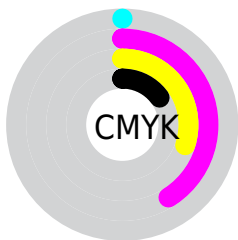
Distribution



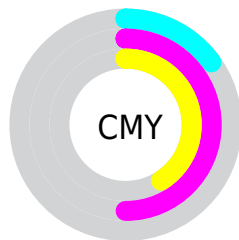
- Red (85%)
- Green (50%)
- Blue (59%)



- Red (85%)
- Yellow (50%)
- Blue (59%)



- Cyan (0%)
- Magenta (41%)
- Yellow (30%)
- Black (15%)





- Cyan (15%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9204, 32.4244, 33.3273 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 41.9204, 32.4244, 33.3273 by changing the saturation by 10% instead.

 41.9204, 32.4244,
33.3273

 41.9204, 32.4244,
33.3273


345.1501,
313.0480, 331.7991


 29.2298, 21.6859,
22.1041


 77.3451, 63.4758,
66.0081

 19.3999, 13.6263,
13.7344


 100.8098, 84.5575,
88.3028

 12.0653, 7.8612,
7.7995


 128.5967,
109.8557, 115.1250

 6.8607, 4.0063,
3.8810

161.0711,
139.7548, 146.8934

 3.4207, 1.6771,
1.5603

198.5982,
174.6392, 184.0265

 1.3799, 0.4087,
0.2622

241.5435,

 0.2419, 0.0000,

214.8932, 226.9428

0.0000

290.2724,
260.9014, 276.0608

■ 0.0000, 0.0000,
0.0000

■ 41.9204, 32.4244,
33.3273

■ 41.9204, 32.4244,
33.3273

■ 38.1677, 26.8696,
26.0624

■ 46.4586, 39.2641,
41.7349

■ 35.1516, 22.5143,
19.8876

■ 51.8218, 47.4578,
51.3308

■ 32.8219, 19.2700,
14.7485


■ 58.0501, 57.0750,
62.1604


■ 31.1206, 17.0340,
10.5852


■ 65.1801, 68.1793,
74.2660

■ 29.9794, 15.6838,
7.3307

■ 73.2464, 80.8302,
87.6880

 29.3309, 15.0380,
5.1072

 81.2503, 93.0217,
102.1211

 82.4254, 93.4918,
108.3092

Harmonies

Analogous

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



40.7217, 32.4244, 49.4036



41.9204, 32.4244, 33.3273



39.8802, 32.4244, 21.5688

Triad

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



41.9204, 32.4244, 33.3273



25.5491, 32.4244, 16.4781



26.6400, 32.4244, 67.8571

Complementary

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



41.9204, 32.4244, 33.3273



43.4541, 58.1108, 59.9681

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.



23.2452, 32.4244, 53.9009



41.9204, 32.4244, 33.3273



22.6669, 32.4244, 24.1811

Square

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



41.9204, 32.4244, 33.3273



30.1200, 32.4244, 13.7346



21.8731, 32.4244, 37.3587



31.5275, 32.4244, 72.3159

Rectangle

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



41.9204, 32.4244, 33.3273



37.0792, 32.4244, 16.8147



21.8731, 32.4244, 37.3587



25.3053, 32.4244, 63.9593

Sweetspot

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



41.9213, 32.4260, 33.3279



82.6124, 80.6302, 87.7816



42.3052, 31.8224, 69.5585



17.4175, 16.8479, 18.3319



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.



41.9213, 32.4260, 33.3279



55.7808, 39.8592, 39.0928



43.2233, 37.7330, 25.4291



13.1934, 13.1065, 14.2799



17.7921, 9.1179, 3.2851



1.1877, 0.6047, 0.3975

Inverse Universe

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



41.9213, 32.4260, 33.3279



55.7808, 39.8592, 39.0928



41.2203, 49.1853, 72.9671



13.1934, 13.1065, 14.2799



17.7921, 9.1179, 3.2851



1.1877, 0.6047, 0.3975

Previews

White Background



This preview shows how the XYZ color 41.9204, 32.4244, 33.3273 looks on a white background.

Color Contrast Check

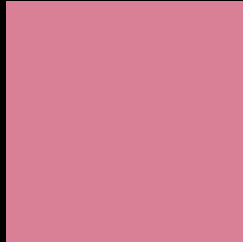
Large Text (above 18pt) WCAG AA × Fail

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 41.9204, 32.4244, 33.3273 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 41.9204, 32.4244, 33.3273

Background



This preview shows how black text looks on a background with the XYZ color 41.9204, 32.4244, 33.3273.



This preview shows how white text looks on a background with the XYZ color 41.9204, 32.4244,

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

41.9204, 32.4244, 33.3273

Protanopia

31.7650, 32.7344, 40.7206

Deuteranopia

33.0272, 32.3721, 32.1115



Tritanopia

41.0352, 32.4576, 28.9131

Trichromacy



Original Color

41.9204, 32.4244, 33.3273

Protanomaly

34.6899, 32.1711, 38.0995

Deuteranomaly

35.6092, 31.8792, 32.2935

Tritanomaly

41.2032, 32.3131, 30.4510

Monochromacy



Original Color

41.9204, 32.4244, 33.3273

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.7857, 32.5080, 35.4516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9204, 32.4244, 33.3273 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(217, 128, 151)` looks like.

```
.text, #text, p{  
    color:rgb(217, 128, 151)  
}
```

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(217, 128, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 128, 151) }
```

Border

The CSS property to change the border of an element to XYZ 41.9204, 32.4244, 33.3273 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(217, 128, 151) }
```


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

```
.border{ border-color:rgb(217, 128, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 128, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 128, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 128, 151);  
box-shadow:4px 4px 4px 4px rgb(217, 128,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9204, 32.4244, 33.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 128, 151) }
```

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

```
.background{ background-color: rgb(217,  
128, 151) }
```

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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