

Converting Colors

XYZ(43.1539, 32.3113, 40.2601)

Have a look what the booklet for
XYZ(43.1539, 32.3113, 40.2601)
contains.

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Color

**XYZ(43.1300, 32.3258,
40.0427)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DA7DA6 |
| RGB | 218, 125, 166 |
| RGB Percent | 85%, 49%, 65% |
| CMY | 0.1451, 0.5098, 0.3490 |
| CMYK | 0.00, 0.43, 0.24, 0.15 |
| HSL | 334°, 56%, 67% |
| HSV | 334°, 43%, 85% |
| XYZ | 43.1300, 32.3258, 40.0427 |
| YIQ | 157.4810, 42.2670, 32.4670 |

Conversions

Conversions Part 2

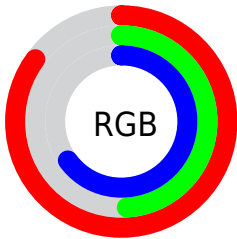
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 218, 125, 166 |
| Decimal | 14319014 |
| CIE Lab | 63.61, 41.07, -6.03 |
| CIE LCh | 64, 41.512, 351.648 |
| Yxy | 32.3258, 0.3734, 0.2799 |
| Android (android.graphics.Color) | 4292509094 (0xFFDA7DA6) |
| YUV | 157.4810, 4.1999, 53.0752 |
| Hunter-Lab | 56.8558, 35.9100, -1.9580 |

Details

The XYZ color **43.1300, 32.3258, 40.0427** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.4661, 57.6780, 50.5452**, and the grayscale version is **32.2337, 33.9124, 36.9306**.

A 20% lighter version of the original color is **70.4112, 58.7207, 76.0298**, and **20.1177, 13.5571, 17.4760** is the 20% darker color. If you saturate the color by 10%, you get **39.6013, 26.9737, 33.6086**, and if you desaturate by 10%, it is **47.3722, 38.9346, 47.2383**.

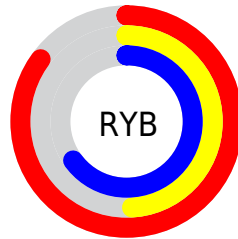
Distribution



Red (85%)

Green (49%)

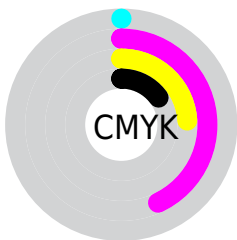
Blue (65%)



Red (85%)

Yellow (49%)

Blue (65%)

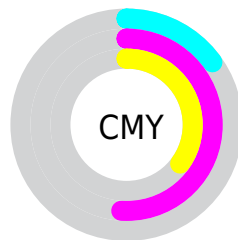


Cyan (0%)

Magenta (43%)

Yellow (24%)

Black (15%)



Cyan (15%)


Magenta (51%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1300, 32.3258, 40.0427 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 43.1300, 32.3258, 40.0427 by changing the saturation by 10% instead.


 43.1300, 32.3258,
40.0427

 43.1300, 32.3258,
40.0427


350.0586,
312.6007, 361.8610


 30.1821, 21.6105,
27.2578


 79.1615, 63.3215,
76.4663

 20.1256, 13.5710,
17.5328


 102.9758, 84.3706,
100.9421

 12.5952, 7.8229,
10.4491

 131.1429,
109.6332, 130.1520

 7.2254, 3.9818,
5.5883


164.0282,
139.4935, 164.5144

 3.6511, 1.6634,
2.5317

201.9971,
174.3361, 204.4480

 1.5067, 0.3998,
0.8569

245.4149,

 0.3304, 0.0000,

214.5452, 250.3713

0.0000

294.6469,
260.5053, 302.7027

■ 0.0000, 0.0000,
0.0000

■ 43.1300, 32.3258,
40.0427

■ 43.1300, 32.3258,
40.0427

■ 39.6013, 26.9737,
33.6086

■ 47.3722, 38.9346,
47.2383

■ 36.7403, 22.7924,
27.9052

■ 52.3642, 46.8693,
55.2203

■ 34.5000, 19.6925,
22.9021


■ 58.1434, 56.1998,
64.0150


■ 32.8256, 17.5694,
18.5652


■ 64.7435, 66.9894,
73.6465


■ 31.6514, 16.2972,
14.8559

■ 72.1963, 79.2978,
84.1378

 31.0296, 15.7519,
12.4959

 80.2743, 92.6658,
95.4253

 82.1383, 93.4114,
105.2408

 82.7236, 93.6455,
108.3231

Harmonies

Analogous

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



40.3248, 32.3258, 58.9631



43.1300, 32.3258, 40.0427



42.2977, 32.3258, 24.6822

Triad

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



43.1300, 32.3258, 40.0427



26.7921, 32.3258, 13.0773



24.3123, 32.3258, 66.6493

Complementary

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



43.1300, 32.3258, 40.0427



41.4661, 57.6780, 50.5452

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.



21.4824, 32.3258, 48.3410



43.1300, 32.3258, 40.0427



22.7837, 32.3258, 18.8682

Square

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



43.1300, 32.3258, 40.0427



32.3730, 32.3258, 12.1130



20.9603, 32.3258, 30.7595



29.1333, 32.3258, 77.1896

Rectangle

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



43.1300, 32.3258, 40.0427



39.8327, 32.3258, 17.9549



20.9603, 32.3258, 30.7595



23.1231, 32.3258, 60.9700

Sweetspot

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



43.1309, 32.3274, 40.0433



82.5292, 79.5060, 90.7069



37.9283, 28.9786, 69.9244



17.2530, 16.3499, 18.7979



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.



43.1309, 32.3274, 40.0433



57.0398, 39.3036, 48.9880



40.5525, 32.2600, 23.4934



13.2933, 13.1464, 14.8058



18.6420, 9.4579, 7.7610



1.2506, 0.6299, 0.7285

Inverse Universe

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



43.1309, 32.3274, 40.0433



57.0398, 39.3036, 48.9880



44.9958, 57.1875, 74.9968



13.2933, 13.1464, 14.8058



18.6420, 9.4579, 7.7610



1.2506, 0.6299, 0.7285

Previews

White Background



This preview shows how the XYZ color 43.1300, 32.3258, 40.0427 looks on a white background.

Color Contrast Check

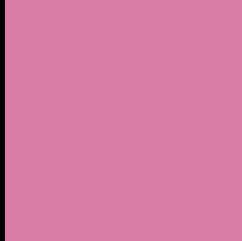
Large Text (above 18pt) WCAG AA × Fail

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 43.1300, 32.3258, 40.0427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

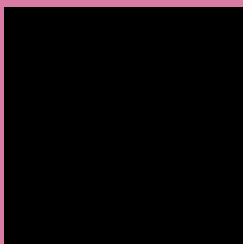
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1300, 32.3258, 40.0427

Background



This preview shows how black text looks on a background with the XYZ color 43.1300, 32.3258, 40.0427.



This preview shows how white text looks on a background with the XYZ color 43.1300, 32.3258,

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

43.1300, 32.3258, 40.0427

Protanopia

32.2557, 32.5391, 49.9280

Deuteranopia

33.1538, 32.5283, 38.7136



Tritanopia

40.7406, 32.3058, 28.8993

Trichromacy



Original Color

43.1300, 32.3258, 40.0427

Protanomaly

34.9919, 31.7035, 45.8701

Deuteranomaly

36.1433, 32.0084, 38.9236

Tritanomaly

41.4629, 32.2072, 32.4650

Monochromacy



Original Color

43.1300, 32.3258, 40.0427

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.0610, 32.3726, 37.6583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1300, 32.3258, 40.0427 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(218, 125, 166)` looks like.

```
.text, #text, p{  
    color:rgb(218, 125, 166)  
}
```

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(218, 125, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 125, 166) }
```

Border

The CSS property to change the border of an element to XYZ 43.1300, 32.3258, 40.0427 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(218, 125, 166) }
```


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

```
.border{ border-color:rgb(218, 125, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 125, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 125, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 125, 166);  
box-shadow:4px 4px 4px 4px rgb(218, 125,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1300, 32.3258, 40.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 125, 166) }
```

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

```
.background{ background-color: rgb(218,  
125, 166) }
```

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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