

Converting Colors

XYZ(43.6704, 30.9799, 41.1872)

Have a look what the booklet for
XYZ(43.6704, 30.9799, 41.1872)
contains.

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Color

**XYZ(43.5310, 30.8850,
41.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	DE74A9
RGB	222, 116, 169
RGB Percent	87%, 45%, 66%
CMY	0.1294, 0.5451, 0.3373
CMYK	0.00, 0.48, 0.24, 0.13
HSL	330°, 62%, 66%
HSV	330°, 48%, 87%
XYZ	43.5310, 30.8850, 41.2032
YIQ	153.7360, 46.1630, 38.9550

Conversions

Conversions Part 2

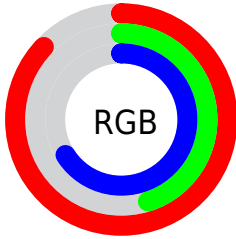
Format	Color
R _Y B	222, 116, 169
Decimal	14578857
CIE Lab	62.41, 47.43, -9.47
CIE LCh	62, 48.371, 348.708
Yxy	30.8850, 0.3765, 0.2671
Android (android.graphics.Color)	4292768937 (0xFFDE74A9)
YUV	153.7360, 7.5252, 59.8675
Hunter-Lab	55.5743, 42.5630, -5.0561

Details

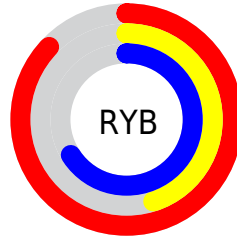
The XYZ color **43.5310, 30.8850, 41.2032** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.4866, 58.8209, 46.7587**, and the grayscale version is **30.5544, 32.1456, 35.0066**.

A 20% lighter version of the original color is **69.2575, 55.7676, 77.6350**, and **20.2982, 12.7319, 18.2173** is the 20% darker color. If you saturate the color by 10%, you get **40.2727, 25.9658, 35.1920**, and if you desaturate by 10%, it is **47.4909, 37.0653, 47.8854**.

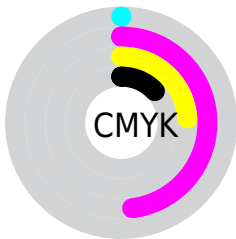
Distribution



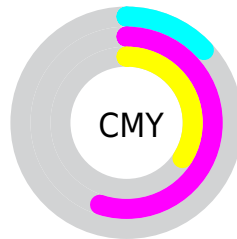
- Red (87%)
- Green (45%)
- Blue (66%)



- Red (87%)
- Yellow (45%)
- Blue (66%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5310, 30.8850, 41.2032 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 43.5310, 30.8850, 41.2032 by changing the saturation by 10% instead.


 43.5310, 30.8850,
41.2032


 43.5310, 30.8850,
41.2032

351.6756,
306.0082, 366.8709


 30.4983, 20.5113,
28.1570

 79.7623, 61.0590,
78.2493

 20.3671, 12.7672,
18.2040

 103.6916, 81.6280,
103.0862

 12.7720, 7.2685,
10.9256


 131.9837,
106.3643, 132.6905

 7.3476, 3.6306,
5.9033

165.0042,
135.6522, 167.4807

 3.7287, 1.4691,
2.7185

203.1182,
169.8762, 207.8753

 1.5498, 0.2668,
0.9527

246.6912,

 0.3594, 0.0000,

209.4206, 254.2928

0.0000

296.0886,
254.6698, 307.1519

■ 0.0000, 0.0000,
0.0000

■ 43.5310, 30.8850,
41.2032

■ 43.5310, 30.8850,
41.2032

■ 40.2727, 25.9658,
35.1920

■ 47.4909, 37.0653,
47.8854

■ 37.6670, 22.2139,
29.8239

■ 52.1919, 44.5829,
55.2613

■ 35.6622, 19.5294,
25.0705


■ 57.6732, 53.5131,
63.3544


■ 34.1970, 17.7934,
20.8999


■ 63.9708, 63.9244,
72.1863

■ 33.1874, 16.8418,
17.2718

■ 71.1181, 75.8806,
81.7777

 32.9932, 16.6772,
16.5175

 79.1467, 89.4419,
92.1482

 82.6272, 93.7468,
101.4969

 83.9343, 94.2696,
108.3798

Harmonies

Analogous

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



39.8801, 30.8850, 63.5152



43.5310, 30.8850, 41.2032



42.9846, 30.8850, 23.3285

Triad

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



43.5310, 30.8850, 41.2032



25.4953, 30.8850, 9.7168



21.7988, 30.8850, 68.6945

Complementary

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



43.5310, 30.8850, 41.2032



40.4866, 58.8209, 46.7587

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.



18.9625, 30.8850, 46.5859



43.5310, 30.8850, 41.2032



20.8671, 30.8850, 14.9900

Square

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



43.5310, 30.8850, 41.2032



31.8930, 30.8850, 9.1982



18.6489, 30.8850, 27.0442



26.9559, 30.8850, 82.8990

Rectangle

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



43.5310, 30.8850, 41.2032



40.3299, 30.8850, 15.7294



18.6489, 30.8850, 27.0442



20.5775, 30.8850, 61.6290

Sweetspot

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



43.5319, 30.8865, 41.2038



81.9577, 78.2029, 91.0101



35.7939, 26.2016, 72.2783



17.1541, 16.0990, 18.9289



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.



43.5319, 30.8865, 41.2038



55.2550, 35.7272, 48.4141



39.5232, 29.2830, 20.0941



13.9916, 13.8143, 15.7260



19.6534, 9.9284, 10.1067



1.4075, 0.7063, 0.9386

Inverse Universe

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



43.5319, 30.8865, 41.2038



55.2550, 35.7272, 48.4141



46.5095, 61.2300, 78.4747



13.9916, 13.8143, 15.7260



19.6534, 9.9284, 10.1067



1.4075, 0.7063, 0.9386

Previews

White Background



This preview shows how the XYZ color 43.5310, 30.8850, 41.2032 looks on a white background.

Color Contrast Check

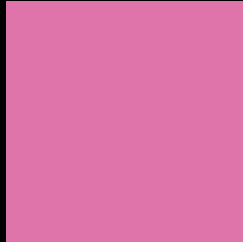
Large Text (above 18pt) WCAG AA × Fail

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 43.5310, 30.8850, 41.2032 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 43.5310, 30.8850, 41.2032

Background



This preview shows how black text looks on a background with the XYZ color 43.5310, 30.8850, 41.2032.



This preview shows how white text looks on a background with the XYZ color 43.5310, 30.8850,

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

43.5310, 30.8850, 41.2032

Protanopia

31.4053, 31.2812, 54.2518

Deuteranopia

31.6318, 31.0214, 39.4425



Tritanopia

40.1613, 30.7373, 25.6460

Trichromacy



Original Color

43.5310, 30.8850, 41.2032

Protanomaly

34.3178, 30.1837, 49.3647

Deuteranomaly

35.2155, 30.4288, 40.0937

Tritanomaly

41.0407, 30.5373, 30.5193

Monochromacy



Original Color

43.5310, 30.8850, 41.2032

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

34.2265, 30.8431, 36.9503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5310, 30.8850, 41.2032 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(222, 116, 169)` looks like.

```
.text, #text, p{  
    color:rgb(222, 116, 169)  
}
```

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(222, 116, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 116, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.5310, 30.8850, 41.2032 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(222, 116, 169) }
```


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

```
.border{ border-color:rgb(222, 116, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 116, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 116, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 116, 169); box-shadow:4px 4px 4px 4px rgb(222, 116, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5310, 30.8850, 41.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 116, 169) }
```

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

```
.background{ background-color: rgb(222,  
116, 169) }
```

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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