

Converting Colors

XYZ(42.7433, 30.2275, 54.1133)

Have a look what the booklet for
XYZ(42.7433, 30.2275, 54.1133)
contains.

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Color

**XYZ(42.7350, 30.1899,
54.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	D374C1
RGB	211, 116, 193
RGB Percent	83%, 45%, 76%
CMY	0.1725, 0.5451, 0.2431
CMYK	0.00, 0.45, 0.09, 0.17
HSL	311°, 52%, 64%
HSV	311°, 45%, 83%
XYZ	42.7350, 30.1899, 54.0269
YIQ	153.1830, 31.9030, 44.0870

Conversions

Conversions Part 2

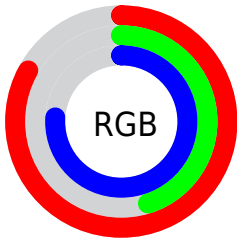
Format	Color
R _Y B	211, 116, 193
Decimal	13857985
CIE Lab	61.82, 47.63, -24.17
CIE LCh	62, 53.407, 333.094
Yxy	30.1899, 0.3366, 0.2378
Android (android.graphics.Color)	4292048065 (0xFFD374C1)
YUV	153.1830, 19.6298, 50.7055
Hunter-Lab	54.9453, 42.6781, -19.8372

Details

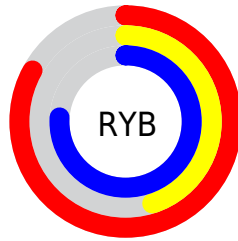
The XYZ color **42.7350, 30.1899, 54.0269** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.8011, 52.0238, 30.7637**, and the grayscale version is **30.2663, 31.8425, 34.6765**.

A 20% lighter version of the original color is **72.8700, 56.9116, 97.5868**, and **19.7641, 12.2891, 25.7564** is the 20% darker color. If you saturate the color by 10%, you get **40.1335, 25.6906, 50.9890**, and if you desaturate by 10%, it is **45.9028, 35.8015, 57.3136**.

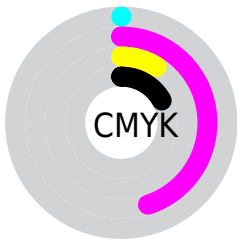
Distribution



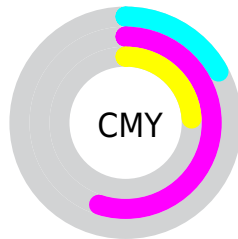
- Red (83%)
- Green (45%)
- Blue (76%)



- Red (83%)
- Yellow (45%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7350, 30.1899, 54.0269 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 42.7350, 30.1899, 54.0269 by changing the saturation by 10% instead.

42.7350, 30.1899,
54.0269

42.7350, 30.1899,
54.0269

348.4608,
302.7886, 419.3901

29.8709, 19.9828,
38.2298

78.5690, 59.9624,
97.5705

19.8882, 12.3825,
25.8579

102.2696, 80.2965,
126.1542

12.4216, 7.0048,
16.4926

130.3131,
104.7751, 159.8372

7.1057, 3.4651,
9.7153

163.0648,
133.7825, 199.0379

3.5752, 1.3791,
5.1074

200.8900,
167.7032, 244.1751

1.4647, 0.2012,
2.2506

244.1542,

0.3017, 0.0000,

206.9215, 295.6671

0.7033

293.2227,
251.8218, 353.9326

■ 0.0000, 0.0000,
0.0000

■ 42.7350, 30.1899,
54.0269

■ 42.7350, 30.1899,
54.0269

■ 40.1335, 25.6906,
50.9890

■ 45.9028, 35.8015,
57.3136

■ 38.0575, 22.2236,
48.1850

■ 49.6685, 42.5898,
60.8593

■ 36.4651, 19.7049,
45.6008


■ 54.0645, 50.6194,
64.6756


■ 35.3068, 18.0355,
43.2194


■ 59.1204, 59.9488,
68.7726


■ 34.5221, 17.0947,
41.0202


■ 64.8636, 70.6330,
73.1600

 34.2168, 16.7901,
39.9751

 71.3201, 82.7237,
77.8470

 75.6738, 90.5889,
81.8951

 76.2130, 90.8045,
84.7344

 76.7649, 91.0253,
87.6409

Harmonies

Analogous

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



36.8481, 30.1899, 77.9438



42.7350, 30.1899, 54.0269



44.6724, 30.1899, 30.7979

Triad

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



42.7350, 30.1899, 54.0269



27.9610, 30.1899, 7.1903



18.6753, 30.1899, 59.3014

Complementary

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



42.7350, 30.1899, 54.0269



34.8011, 52.0238, 30.7637

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.



17.0688, 30.1899, 35.0365



42.7350, 30.1899, 54.0269



21.8424, 30.1899, 9.7333

Square

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



42.7350, 30.1899, 54.0269



35.3547, 30.1899, 8.8220



18.1251, 30.1899, 18.1158



22.9283, 30.1899, 81.7728

Rectangle

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



42.7350, 30.1899, 54.0269



43.2394, 30.1899, 19.7532



18.1251, 30.1899, 18.1158



17.8430, 30.1899, 50.7983

Sweetspot

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



42.7360, 30.1913, 54.0275



83.6297, 78.8716, 99.8145



27.7435, 22.2161, 64.4546



17.5629, 16.2625, 21.0814



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.



42.7360, 30.1913, 54.0275



61.7663, 39.7046, 78.4695



38.3054, 28.4190, 30.6962



12.2107, 11.9690, 14.3855



20.6855, 10.1470, 24.3137



1.1820, 0.5775, 1.4931

Inverse Universe

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



42.7360, 30.1913, 54.0275



61.7663, 39.7046, 78.4695



38.8299, 53.6353, 51.9786



12.2107, 11.9690, 14.3855



20.6855, 10.1470, 24.3137



1.1820, 0.5775, 1.4931

Previews

White Background



This preview shows how the XYZ color 42.7350, 30.1899, 54.0269 looks on a white background.

Color Contrast Check

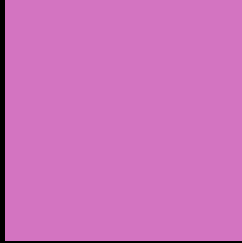
Large Text (above 18pt) WCAG AA × Fail

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 42.7350, 30.1899, 54.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

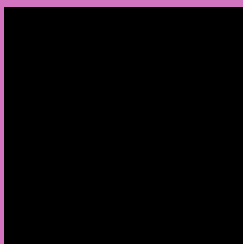
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7350, 30.1899, 54.0269

Background



This preview shows how black text looks on a background with the XYZ color 42.7350, 30.1899, 54.0269.



This preview shows how white text looks on a background with the XYZ color 42.7350, 30.1899,

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

42.7350, 30.1899, 54.0269

Protanopia

31.7105, 30.3892, 69.8400

Deuteranopia

31.1879, 30.5180, 51.8237



Tritanopia

37.4114, 30.2236, 27.5289

Trichromacy



Original Color

42.7350, 30.1899, 54.0269

Protanomaly

34.2899, 29.4315, 63.5481

Deuteranomaly

34.4606, 29.7610, 52.6434

Tritanomaly

39.0256, 30.1150, 35.6542

Monochromacy



Original Color

42.7350, 30.1899, 54.0269

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.9015, 30.5820, 41.1619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7350, 30.1899, 54.0269 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(211, 116, 193)` looks like.

```
.text, #text, p{  
    color:rgb(211, 116, 193)  
}
```

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(211, 116, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 116, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.7350, 30.1899, 54.0269 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(211, 116, 193) }
```


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

```
.border{ border-color:rgb(211, 116, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 116, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 116, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 116, 193);  
box-shadow:4px 4px 4px 4px rgb(211, 116,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7350, 30.1899, 54.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 116, 193) }
```

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

```
.background{ background-color: rgb(211,  
116, 193) }
```

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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