

Converting Colors

XYZ(42.6232, 29.5427, 31.8411)

Have a look what the booklet for
XYZ(42.6232, 29.5427, 31.8411)
contains.

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Color

**XYZ(42.5720, 29.4381,
31.8721)**

Conversions

Conversions Part 1

Format	Color
Hex	E36D95
RGB	227, 109, 149
RGB Percent	89%, 43%, 58%
CMY	0.1098, 0.5725, 0.4157
CMYK	0.00, 0.52, 0.34, 0.11
HSL	340°, 68%, 66%
HSV	340°, 52%, 89%
XYZ	42.5720, 29.4381, 31.8721
YIQ	148.8420, 57.4880, 37.4560

Conversions

Conversions Part 2

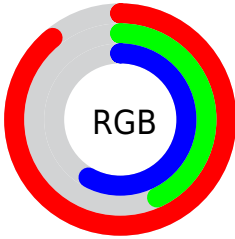
Format	Color
R _Y B	227, 109, 149
Decimal	14904725
CIE Lab	61.17, 49.95, 0.25
CIE LCh	61, 49.946, 0.288
Yxy	29.4381, 0.4098, 0.2834
Android (android.graphics.Color)	4293094805 (0xFFE36D95)
YUV	148.8420, 0.0779, 68.5446
Hunter-Lab	54.2569, 45.1083, 3.1511

Details

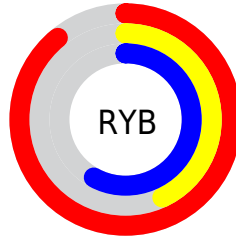
The XYZ color **42.5720, 29.4381, 31.8721** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.7469, 61.7780, 56.6885**, and the grayscale version is **28.4844, 29.9678, 32.6349**.

A 20% lighter version of the original color is **65.2950, 52.1227, 63.1192**, and **19.7192, 11.9390, 12.8204** is the 20% darker color. If you saturate the color by 10%, you get **39.3336, 24.7567, 25.2578**, and if you desaturate by 10%, it is **46.5916, 35.4346, 39.5090**.

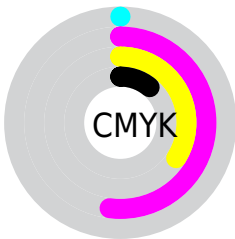
Distribution



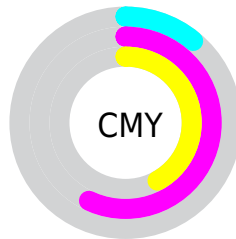
- Red (89%)
- Green (43%)
- Blue (58%)



- Red (89%)
- Yellow (43%)
- Blue (58%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (11%)





- Cyan (11%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5720, 29.4381, 31.8721 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 42.5720, 29.4381, 31.8721 by changing the saturation by 10% instead.


 42.5720, 29.4381,
31.8721

 42.5720, 29.4381,
31.8721


347.8001,
299.2765, 325.0110


 29.7425, 19.4125,
20.9998


 78.3243, 58.7724,
63.7061


 19.7903, 11.9687,
12.9326

 101.9779, 78.8499,
85.5049

 12.3501, 6.7224,
7.2520


 129.9702,
103.0468, 111.7830

 7.0565, 3.2891,
3.5394

 162.6666,
131.7476, 142.9588

 3.5441, 1.2845,
1.3762

200.4324,
165.3365, 179.4510

 1.4476, 0.1291,
0.1231

243.6330,

 0.2898, 0.0000,

204.1980, 221.6781

0.0000

292.6338,
248.7165, 270.0585

■ 0.0000, 0.0000,
0.0000

■ 42.5720, 29.4381,
31.8721

■ 42.5720, 29.4381,
31.8721

■ 39.3336, 24.7567,
25.2578

■ 46.5916, 35.4346,
39.5090

■ 36.8190, 21.2852,
19.6172

■ 51.4394, 42.8318,
48.2106

■ 34.9661, 18.9095,
14.8992

■ 57.1615, 51.7133,
58.0186

■ 33.7005, 17.4911,
11.0461

■ 63.7997, 62.1547,
68.9716

■ 33.0161, 16.8659,
8.5257

■ 71.3933, 74.2266,
81.1066

■ 79.9789, 87.9951,
94.4584

■ 85.3346, 95.0093,
107.6418

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



40.4174, 29.4381, 53.4809



42.5720, 29.4381, 31.8721



40.3365, 29.4381, 17.0764

Triad

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



42.5720, 29.4381, 31.8721



22.0922, 29.4381, 9.8944



22.1860, 29.4381, 74.7395

Complementary

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



42.5720, 29.4381, 31.8721



42.7469, 61.7780, 56.6885

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.



18.4462, 29.4381, 53.9239



42.5720, 29.4381, 31.8721



18.3982, 29.4381, 17.2836

Square

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



42.5720, 29.4381, 31.8721



27.9168, 29.4381, 7.8104



17.1735, 29.4381, 32.2348



28.0434, 29.4381, 83.3987

Rectangle

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



42.5720, 29.4381, 31.8721



36.8310, 29.4381, 11.5311



17.1735, 29.4381, 32.2348



20.6745, 29.4381, 68.6141

Sweetspot

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



42.5728, 29.4396, 31.8726



79.3449, 75.0575, 83.7256



39.5120, 26.8867, 75.7802



16.6008, 15.4642, 17.2896



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.



42.5728, 29.4396, 31.8726



51.0499, 32.0087, 32.5483



41.9907, 32.5380, 18.5373



14.5775, 14.4482, 15.9758



19.3040, 9.8558, 5.2299



1.4687, 0.7452, 0.6086

Inverse Universe

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



42.5728, 29.4396, 31.8726



51.0499, 32.0087, 32.5483



43.0471, 54.5465, 80.9328



14.5775, 14.4482, 15.9758



19.3040, 9.8558, 5.2299



1.4687, 0.7452, 0.6086

Previews

White Background



This preview shows how the XYZ color 42.5720, 29.4381, 31.8721 looks on a white background.

Color Contrast Check

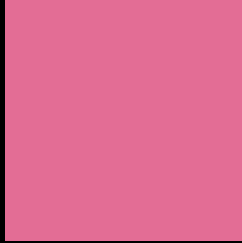
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5720, 29.4381, 31.8721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

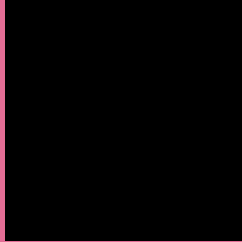
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.5720, 29.4381, 31.8721

Background



This preview shows how black text looks on a background with the XYZ color 42.5720, 29.4381, 31.8721.



This preview shows how white text looks on a background with the XYZ color 42.5720, 29.4381, 31.8721.

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

42.5720, 29.4381, 31.8721

Protanopia

29.2078, 29.6856, 43.2202

Deuteranopia

30.0902, 29.5206, 30.0987



Tritanopia

40.5815, 29.4473, 21.9574

Trichromacy



Original Color

42.5720, 29.4381, 31.8721

Protanomaly

32.5439, 28.4541, 38.8989

Deuteranomaly

33.7207, 28.8417, 30.5778

Tritanomaly

41.3231, 29.4230, 25.3310

Monochromacy



Original Color

42.5720, 29.4381, 31.8721

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.0814, 28.5672, 32.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5720, 29.4381, 31.8721 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(227, 109, 149)` looks like.

```
.text, #text, p{  
    color:rgb(227, 109, 149)  
}
```

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(227, 109, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 109, 149) }
```

Border

The CSS property to change the border of an element to XYZ 42.5720, 29.4381, 31.8721 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(227, 109, 149) }
```


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

```
.border{ border-color:rgb(227, 109, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 109, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 109, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 109, 149);  
box-shadow:4px 4px 4px 4px rgb(227, 109,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5720, 29.4381, 31.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 109, 149) }
```

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

```
.background{ background-color: rgb(227,  
109, 149) }
```

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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