

Converting Colors

XYZ(36.7433, 25.9909, 28.8300)

Have a look what the booklet for
XYZ(36.7433, 25.9909, 28.8300)
contains.

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Color

**XYZ(36.6149, 25.9627,
28.6727)**

Conversions

Conversions Part 1

Format	Color
Hex	D26A8E
RGB	210, 106, 142
RGB Percent	82%, 42%, 56%
CMY	0.1765, 0.5843, 0.4431
CMYK	0.00, 0.50, 0.32, 0.18
HSL	339°, 54%, 62%
HSV	339°, 50%, 82%
XYZ	36.6149, 25.9627, 28.6727
YIQ	141.2000, 50.4280, 33.2440

Conversions

Conversions Part 2

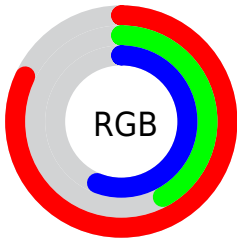
Format	Color
RYB	210, 106, 142
Decimal	13789838
CIELab	58.00, 44.84, -0.60
CIELCh	58, 44.843, 359.228
Yxy	25.9627, 0.4013, 0.2845
Android (android.graphics.Color)	4291979918 (0xFFD26A8E)
YUV	141.2000, 0.3944, 60.3376
Hunter-Lab	50.9536, 39.1000, 2.3038

Details

The XYZ color **36.6149, 25.9627, 28.6727** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.6318, 52.2141, 48.1948**, and the grayscale version is **25.3813, 26.7031, 29.0797**.

A 20% lighter version of the original color is **63.7746, 50.3871, 58.5890**, and **16.1998, 10.0864, 11.2183** is the 20% darker color. If you saturate the color by 10%, you get **33.7414, 21.7652, 22.9379**, and if you desaturate by 10%, it is **40.1467, 31.2732, 35.2541**.

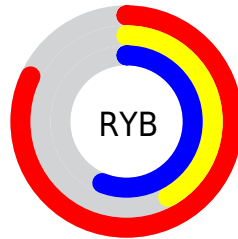
Distribution



Red (82%)

Green (42%)

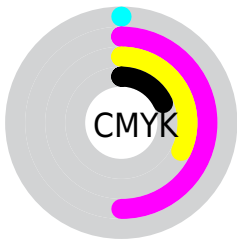
Blue (56%)



Red (82%)

Yellow (42%)

Blue (56%)

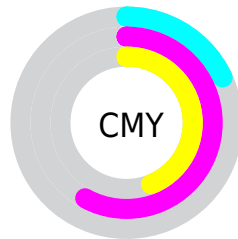


Cyan (0%)

Magenta (50%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (58%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6149, 25.9627, 28.6727 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 36.6149, 25.9627, 28.6727 by changing the saturation by 10% instead.


 36.6149, 25.9627,
28.6727


 36.6149, 25.9627,
28.6727


323.0248,
282.5989, 309.6800

 25.0818, 16.7957,
18.5899


 69.2978, 53.2148,
58.5926


 16.2670, 10.0890,
11.2005


 91.1783, 72.0687,
79.2669

 9.8054, 5.4580,
6.0860


 117.2385, 94.9203,
104.3087

 5.3314, 2.5184,
2.8278

 147.8440,
122.1541, 134.1366

 2.4797, 0.8858,
1.0074

183.3600,
154.1545, 169.1691

 0.8850, 0.0000,
0.0000

224.1519,

 0.0000, 0.0000,

191.3058, 209.8248

0.0000

270.5851,
233.9925, 256.5223

■ 36.6149, 25.9627,
28.6727

■ 36.6149, 25.9627,
28.6727

■ 33.7414, 21.7652,
22.9379

■ 40.1467, 31.2732,
35.2541

■ 31.4801, 18.5963,
18.0108

■ 44.3743, 37.7654,
42.7154

■ 29.7820, 16.3657,
13.8515


■ 49.3351, 45.5069,
51.0898


■ 28.5888, 14.9651,
10.4146


■ 55.0628, 54.5591,
60.4080

■ 27.8034, 14.2091,
7.6405


■ 61.5892, 64.9793,
70.6996

 27.7706, 14.1786,
7.5219

 68.9442, 76.8214,
81.9925

 77.1561, 90.1363,
94.3136

 79.8857, 92.2406,
105.5666

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



34.7427, 25.9627, 46.4256



36.6149, 25.9627, 28.6727



34.9193, 25.9627, 16.0698

Triad

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



36.6149, 25.9627, 28.6727



19.9358, 25.9627, 9.4197



19.7257, 25.9627, 62.3913

Complementary

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



36.6149, 25.9627, 28.6727



36.6318, 52.2141, 48.1948

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.



16.6629, 25.9627, 45.4635



36.6149, 25.9627, 28.6727



16.7711, 25.9627, 15.5969

Square

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



36.6149, 25.9627, 28.6727



24.8173, 25.9627, 7.7121



15.6644, 25.9627, 27.8690



24.5367, 25.9627, 69.7740

Rectangle

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



36.6149, 25.9627, 28.6727



32.1166, 25.9627, 11.1712



15.6644, 25.9627, 27.8690



18.4849, 25.9627, 57.3831

Sweetspot

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



36.6156, 25.9640, 28.6732



80.2699, 76.4695, 85.3844



34.1546, 23.9155, 63.7890



16.7851, 15.7431, 17.6278



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.



36.6156, 25.9640, 28.6732



52.2996, 33.6932, 35.4773



36.0914, 28.5647, 17.2486



11.9752, 11.8748, 13.1454



16.9826, 8.6659, 4.8143



0.9866, 0.4994, 0.4642

Inverse Universe

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



36.6156, 25.9640, 28.6732



52.2996, 33.6932, 35.4773



36.9587, 46.4801, 67.9966



11.9752, 11.8748, 13.1454



16.9826, 8.6659, 4.8143



0.9866, 0.4994, 0.4642

Previews

White Background



This preview shows how the XYZ color 36.6149, 25.9627, 28.6727 looks on a white background.

Color Contrast Check

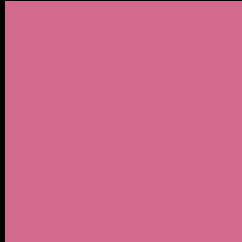
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6149, 25.9627, 28.6727 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 36.6149, 25.9627, 28.6727

Background



This preview shows how black text looks on a background with the XYZ color 36.6149, 25.9627, 28.6727.



This preview shows how white text looks on a background with the XYZ color 36.6149, 25.9627,

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

36.6149, 25.9627, 28.6727

Protanopia

25.9075, 26.3081, 37.8949

Deuteranopia

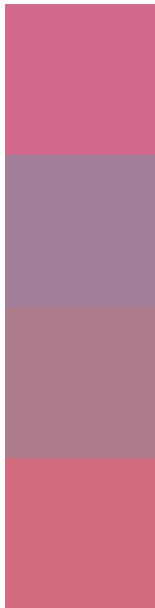
26.5058, 26.0041, 27.2892



Tritanopia

34.8584, 25.8698, 20.2957

Trichromacy



Original Color

36.6149, 25.9627, 28.6727

Protanomaly

28.6100, 25.3318, 34.3920

Deuteranomaly

29.3234, 25.2781, 27.7597

Tritanomaly

35.5939, 26.0249, 23.2260

Monochromacy



Original Color

36.6149, 25.9627, 28.6727

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.2528, 25.4684, 28.6261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6149, 25.9627, 28.6727 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(210, 106, 142)` looks like.

```
.text, #text, p{  
    color:rgb(210, 106, 142)  
}
```

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(210, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 106, 142) }
```

Border

The CSS property to change the border of an element to XYZ 36.6149, 25.9627, 28.6727 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(210, 106, 142) }
```


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

```
.border{ border-color:rgb(210, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(210, 106,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6149, 25.9627, 28.6727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 106, 142) }
```

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

```
.background{ background-color: rgb(210,  
106, 142) }
```

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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