

Converting Colors

XYZ(41.5265, 28.6353, 36.5962)

Have a look what the booklet for
XYZ(41.5265, 28.6353, 36.5962)
contains.

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Color

**XYZ(41.5265, 28.6353,
36.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6CA0
RGB	221, 108, 160
RGB Percent	87%, 42%, 63%
CMY	0.1333, 0.5764, 0.3725
CMYK	0.00, 0.51, 0.28, 0.13
HSL	332°, 62%, 65%
HSV	332°, 51%, 87%
XYZ	41.5265, 28.6353, 36.5962
YIQ	147.7150, 50.6560, 40.1280

Conversions

Conversions Part 2

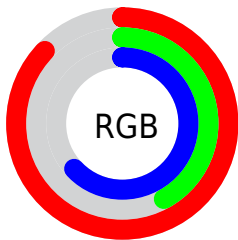
Format	Color
R_{YB}	221, 108, 160
Decimal	14511264
CIE _{Lab}	60.46, 49.84, -7.23
CIE _{LCh}	60, 50.361, 351.745
Yxy	28.6353, 0.3890, 0.2682
Android (android.graphics.Color)	4292701344 (0xFFDD6CA0)
YUV	147.7150, 6.0565, 64.2709
Hunter-Lab	53.5120, 44.8741, -3.0894

Details

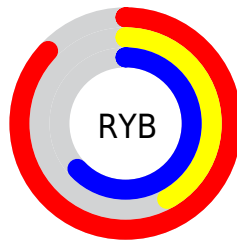
The XYZ color **41.5265, 28.6353, 36.5962** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.2036, 57.7664, 46.6227**, and the grayscale version is **27.9914, 29.4491, 32.0701**.

A 20% lighter version of the original color is **66.6029, 52.3607, 70.8862**, and **19.1837, 11.5290, 15.6822** is the 20% darker color. If you saturate the color by 10%, you get **38.4900, 24.1531, 30.6794**, and if you desaturate by 10%, it is **45.2555, 34.3417, 43.2386**.

Distribution



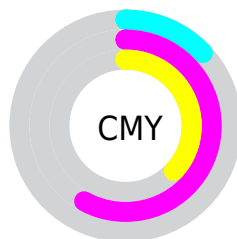
- Red (87%)
- Green (42%)
- Blue (63%)



- Red (87%)
- Yellow (42%)
- Blue (63%)



- Cyan (0%)
- Magenta (51%)
- Yellow (28%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5265, 28.6353, 36.5962 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 41.5265, 28.6353, 36.5962 by changing the saturation by 10% instead.


 41.5265, 28.6353,
36.5962


 41.5265, 28.6353,
36.5962


343.5414,
295.4903, 346.6749


 28.9202, 18.8051,
24.6017


 76.7522, 57.4971,
71.1307


 19.1644, 11.5295,
15.5642


 100.1022, 77.2976,
94.5077

 11.8939, 6.4242,
9.0653


 127.7643,
101.1902, 122.5160

 6.7431, 3.1047,
4.6864

 160.1036,
129.5595, 155.5740

 3.3469, 1.1866,
2.0090

197.4857,
162.7897, 194.1004

 1.3397, 0.0507,
0.5608

240.2758,

 0.2127, 0.0000,

201.2653, 238.5136

0.0000

288.8392,
245.3707, 289.2323

■ 0.0000, 0.0000,
0.0000

■ 41.5265, 28.6353,
36.5962

■ 41.5265, 28.6353,
36.5962

■ 38.4900, 24.1531,
30.6794

■ 45.2555, 34.3417,
43.2386

■ 36.0952, 20.7987,
25.4567

■ 49.7179, 41.3506,
50.6326

■ 34.2878, 18.4679,
20.8956


■ 54.9544, 49.7389,
58.8051


■ 33.0023, 17.0348,
16.9592


■ 61.0017, 59.5761,
67.7804

■ 32.2020, 16.3254,
13.9448

■ 67.8943, 70.9270,
77.5820

 75.6643, 83.8526,
88.2322

 81.8345, 93.3944,
98.9163

 83.6289, 94.1122,
108.3655

Harmonies

Analogous

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



38.2377, 28.6353, 58.9502



41.5265, 28.6353, 36.5962



40.5292, 28.6353, 19.7257

Triad

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



41.5265, 28.6353, 36.5962



22.8512, 28.6353, 8.3724



20.1994, 28.6353, 68.4993

Complementary

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



41.5265, 28.6353, 36.5962



39.2036, 57.7664, 46.6227

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.



17.1947, 28.6353, 46.3797



41.5265, 28.6353, 36.5962



18.5478, 28.6353, 13.8747

Square

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



41.5265, 28.6353, 36.5962



29.0481, 28.6353, 7.5003



16.6422, 28.6353, 26.3246



25.4645, 28.6353, 81.5977

Rectangle

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



41.5265, 28.6353, 36.5962



37.6283, 28.6353, 12.9254



16.6422, 28.6353, 26.3246



18.9286, 28.6353, 61.5362

Sweetspot

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



41.5273, 28.6367, 36.5967



80.8902, 76.7176, 88.6510



34.6203, 24.3014, 71.2728



16.9338, 15.8026, 18.4107



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.



41.5273, 28.6367, 36.5967



53.0978, 33.2105, 42.1531



38.2951, 27.9933, 17.5740



13.3040, 13.1507, 14.8622



18.7624, 9.5060, 8.3948



1.2587, 0.6331, 0.7712

Inverse Universe

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



41.5273, 28.6367, 36.5967



53.0978, 33.2105, 42.1531



44.1095, 58.1553, 77.3071



13.3040, 13.1507, 14.8622



18.7624, 9.5060, 8.3948



1.2587, 0.6331, 0.7712

Previews

White Background



This preview shows how the XYZ color 41.5265, 28.6353, 36.5962 looks on a white background.

Color Contrast Check

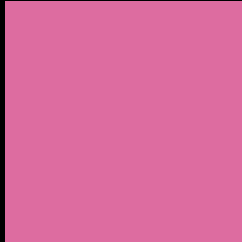
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5265, 28.6353, 36.5962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

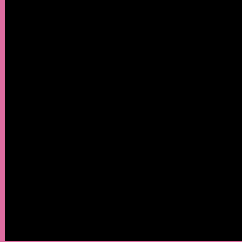
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5265, 28.6353, 36.5962

Background



This preview shows how black text looks on a background with the XYZ color 41.5265, 28.6353, 36.5962.



This preview shows how white text looks on a background with the XYZ color 41.5265, 28.6353,

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

41.5265, 28.6353, 36.5962

Protanopia

29.0937, 29.0299, 49.4173

Deuteranopia

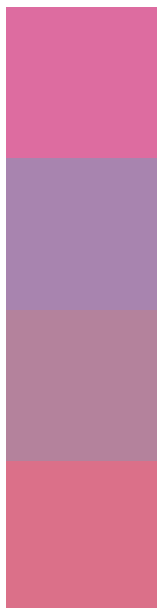
29.4104, 28.8472, 34.5898



Tritanopia

38.6823, 28.6221, 22.5546

Trichromacy



Original Color

41.5265, 28.6353, 36.5962

Protanomaly

32.1376, 27.9225, 44.2532

Deuteranomaly

32.8058, 28.0689, 35.1413

Tritanomaly

39.5229, 28.4546, 27.0761

Monochromacy



Original Color

41.5265, 28.6353, 36.5962

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.7342, 28.1560, 33.4678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5265, 28.6353, 36.5962 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(221, 108, 160)` looks like.

```
.text, #text, p{  
    color:rgb(221, 108, 160)  
}
```

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(221, 108, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 108, 160) }
```

Border

The CSS property to change the border of an element to XYZ 41.5265, 28.6353, 36.5962 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(221, 108, 160) }
```


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

```
.border{ border-color:rgb(221, 108, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 108, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 108, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 108, 160);  
box-shadow:4px 4px 4px 4px rgb(221, 108,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5265, 28.6353, 36.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 108, 160) }
```

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

```
.background{ background-color: rgb(221,  
108, 160) }
```

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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