

Converting Colors

XYZ(41.6225, 28.2987, 46.9845)

Have a look what the booklet for
XYZ(41.6225, 28.2987, 46.9845)
contains.

XYZ(41.6225, 28.2987, 46.9845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.6225, 28.2987,
46.9845)**

Conversions

Conversions Part 1

Format	Color
Hex	D76BB5
RGB	215, 107, 181
RGB Percent	84%, 42%, 71%
CMY	0.1569, 0.5804, 0.2902
CMYK	0.00, 0.50, 0.16, 0.16
HSL	319°, 57%, 63%
HSV	319°, 50%, 84%
XYZ	41.6225, 28.2987, 46.9845
YIQ	147.7280, 40.6140, 45.9100

Conversions

Conversions Part 2

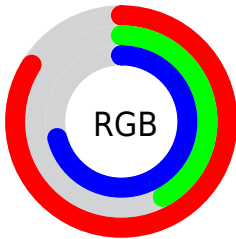
Format	Color
R _Y B	215, 107, 181
Decimal	14117813
CIE Lab	60.16, 51.43, -19.83
CIE LCh	60, 55.118, 338.916
Yxy	28.2987, 0.3560, 0.2421
Android (android.graphics.Color)	4292307893 (0xFFD76BB5)
YUV	147.7280, 16.4031, 58.9975
Hunter-Lab	53.1965, 46.5697, -15.1288

Details

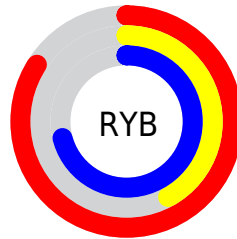
The XYZ color **41.6225, 28.2987, 46.9845** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.1729, 53.6506, 33.7035**, and the grayscale version is **27.9581, 29.4141, 32.0320**.

A 20% lighter version of the original color is **69.4464, 53.2151, 86.7321**, and **19.2699, 11.3738, 21.6018** is the 20% darker color. If you saturate the color by 10%, you get **38.9756, 24.0892, 42.7584**, and if you desaturate by 10%, it is **44.8621, 33.6388, 51.5752**.

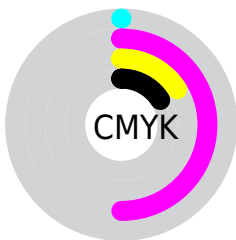
Distribution



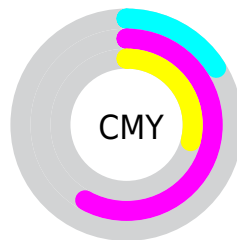
- Red (84%)
- Green (42%)
- Blue (71%)



- Red (84%)
- Yellow (42%)
- Blue (71%)



- Cyan (0%)
- Magenta (50%)
- Yellow (16%)
- Black (16%)




- Cyan (16%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6225, 28.2987, 46.9845 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 41.6225, 28.2987, 46.9845 by changing the saturation by 10% instead.


 41.6225, 28.2987,
46.9845


 41.6225, 28.2987,
46.9845

343.9340,
293.8915, 391.1446


 28.9956, 18.5509,
32.6691

 76.8967, 56.9610,
87.0402


 19.2218, 11.3463,
21.6041


 100.2748, 76.6443,
113.6177

 11.9356, 6.3002,
13.3707


 127.9673,
100.4082, 145.1196

 6.7717, 3.0285,
7.5506

 160.3396,
128.6372, 181.9644

 3.3648, 1.1466,
3.7251

197.7571,
161.7157, 224.5709

 1.3495, 0.0175,
1.4758

240.5851,

 0.2198, 0.0000,

200.0279, 273.3573

0.1998

289.1889,
243.9584, 328.7424

■ 0.0000, 0.0000,
0.0000

■ 41.6225, 28.2987,
46.9845

■ 41.6225, 28.2987,
46.9845

■ 38.9756, 24.0892,
42.7584

■ 44.8621, 33.6388,
51.5752

■ 36.8762, 20.9218,
38.8787

■ 48.7300, 40.1811,
56.5439

■ 35.2766, 18.7016,
35.3274

■ 53.2620, 47.9961,
61.9050

■ 34.1193, 17.3143,
32.0829

■ 58.4904, 57.1477,
67.6715

■ 33.3155, 16.5635,
29.1734

■ 64.4453, 67.6954,
73.8555

■ 71.1549, 79.6950,
80.4686

■ 77.8413, 91.5899,
87.2536

■ 78.8018, 91.9741,
92.3116

■ 79.7996, 92.3732,
97.5657

Harmonies

Analogous

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



36.3373, 28.2987, 71.9366



41.6225, 28.2987, 46.9845



42.6248, 28.2987, 25.1813

Triad

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



41.6225, 28.2987, 46.9845



24.8513, 28.2987, 6.1785



17.6727, 28.2987, 62.1796

Complementary

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



41.6225, 28.2987, 46.9845



35.1729, 53.6506, 33.7035

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.



15.6097, 28.2987, 37.2262



41.6225, 28.2987, 46.9845



19.2522, 28.2987, 9.4089

Square

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



41.6225, 28.2987, 46.9845



32.0712, 28.2987, 6.9368



16.1326, 28.2987, 18.8559



22.3117, 28.2987, 83.0480

Rectangle

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



41.6225, 28.2987, 46.9845



40.5848, 28.2987, 15.6010



16.1326, 28.2987, 18.8559



16.6953, 28.2987, 53.6402

Sweetspot

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



41.6234, 28.3000, 46.9851



82.1597, 77.2254, 95.3363



28.2393, 20.9468, 66.8451



17.2398, 15.9250, 20.0220



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.



41.6234, 28.3000, 46.9851



57.2332, 35.2595, 62.7124



37.2191, 26.5383, 23.7922



12.7789, 12.5630, 14.7758



19.9764, 9.9269, 17.7117



1.2416, 0.6134, 1.2614

Inverse Universe

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



41.6234, 28.3000, 46.9851



57.2332, 35.2595, 62.7124



40.0352, 55.5955, 59.3083



12.7789, 12.5630, 14.7758



19.9764, 9.9269, 17.7117



1.2416, 0.6134, 1.2614

Previews

White Background



This preview shows how the XYZ color 41.6225, 28.2987, 46.9845 looks on a white background.

Color Contrast Check

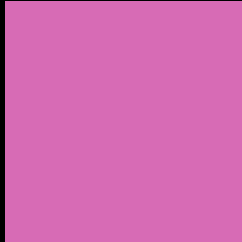
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6225, 28.2987, 46.9845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

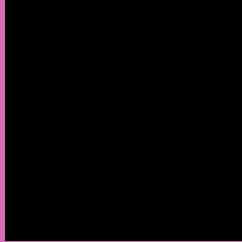
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6225, 28.2987, 46.9845

Background



This preview shows how black text looks on a background with the XYZ color 41.6225, 28.2987, 46.9845.



This preview shows how white text looks on a background with the XYZ color 41.6225, 28.2987,

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

41.6225, 28.2987, 46.9845

Protanopia

29.6651, 28.5590, 63.6234

Deuteranopia

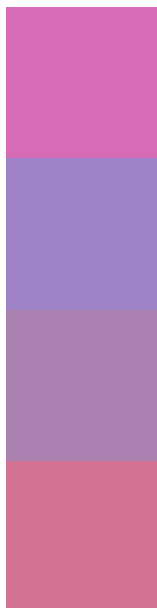
29.0879, 28.4609, 44.5178



Tritanopia

36.7221, 28.2813, 23.6020

Trichromacy



Original Color

41.6225, 28.2987, 46.9845

Protanomaly

32.2762, 27.3116, 56.9966

Deuteranomaly

32.3636, 27.4209, 45.1820

Tritanomaly

38.2612, 28.2169, 31.0336

Monochromacy



Original Color

41.6225, 28.2987, 46.9845

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.7459, 28.0838, 37.0052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6225, 28.2987, 46.9845 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(215, 107, 181)` looks like.

```
.text, #text, p{  
    color:rgb(215, 107, 181)  
}
```

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(215, 107, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 107, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.6225, 28.2987, 46.9845 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(215, 107, 181) }
```


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

```
.border{ border-color:rgb(215, 107, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 107, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 107, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 107, 181);  
box-shadow:4px 4px 4px 4px rgb(215, 107,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6225, 28.2987, 46.9845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 107, 181) }
```

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

```
.background{ background-color: rgb(215,  
107, 181) }
```

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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