

Converting Colors

XYZ(41.3446, 31.6209, 35.6923)

Have a look what the booklet for
XYZ(41.3446, 31.6209, 35.6923)
contains.

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Color

**XYZ(41.2782, 31.6522,
35.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	D67E9D
RGB	214, 126, 157
RGB Percent	84%, 49%, 62%
CMY	0.1608, 0.5059, 0.3843
CMYK	0.00, 0.41, 0.27, 0.16
HSL	339°, 52%, 67%
HSV	339°, 41%, 84%
XYZ	41.2782, 31.6522, 35.8322
YIQ	155.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

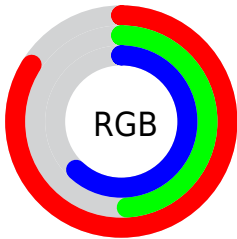
Format	Color
R_{YB}	214, 126, 157
Decimal	14057117
CIE Lab	63.05, 37.89, -1.78
CIE LCh	63, 37.934, 357.310
Yxy	31.6522, 0.3795, 0.2910
Android (android.graphics.Color)	4292247197 (0xFFD67E9D)
YUV	155.8460, 0.5689, 51.0011
Hunter-Lab	56.2603, 32.5100, 1.6204

Details

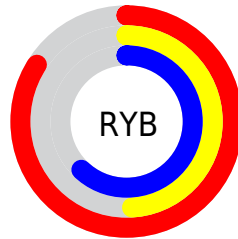
The XYZ color **41.2782, 31.6522, 35.8322** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.1994, 55.9484, 53.4302**, and the grayscale version is **31.5164, 33.1578, 36.1088**.

A 20% lighter version of the original color is **69.3191, 58.6057, 69.2865**, and **19.0222, 13.2409, 15.1888** is the 20% darker color. If you saturate the color by 10%, you get **37.7116, 26.3066, 29.1318**, and if you desaturate by 10%, it is **45.5662, 38.2251, 43.4362**.

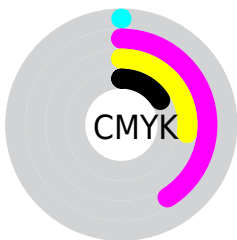
Distribution



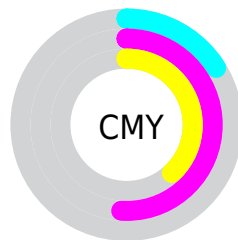
- Red (84%)
- Green (49%)
- Blue (62%)



- Red (84%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2782, 31.6522, 35.8322 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 41.2782, 31.6522, 35.8322 by changing the saturation by 10% instead.


 41.2782, 31.6522,
35.8322


 41.2782, 31.6522,
35.8322


342.5248,
309.5318, 343.2417


 28.7252, 21.0960,
24.0160


 76.3781, 62.2654,
69.9391

 19.0162, 13.1942,
15.1332


 99.6556, 83.0913,
93.0669

 11.7861, 7.5624,
8.7652


 127.2387,
108.1091, 120.8022

 6.6694, 3.8162,
4.4937

159.4927,
137.7033, 153.5637

 3.3007, 1.5713,
1.8999

196.7829,
172.2583, 191.7699

 1.3147, 0.3381,
0.4927

239.4748,

 0.1942, 0.0000,

212.1584, 235.8392

0.0000

287.9336,
257.7882, 286.1903

■ 0.0000, 0.0000,
0.0000

■ 41.2782, 31.6522,
35.8322

■ 41.2782, 31.6522,
35.8322

■ 37.7116, 26.3066,
29.1318

■ 45.5662, 38.2251,
43.4362

■ 34.8215, 22.1066,
23.2971

■ 50.6114, 46.0911,
51.9759

■ 32.5621, 18.9677,
18.2899


■ 56.4506, 55.3167,
61.4838


■ 30.8803, 16.7917,
14.0679


■ 63.1171, 65.9625,
71.9903


■ 29.7132, 15.4616,
10.5837

■ 70.6425, 78.0855,
83.5245

 29.0146, 14.8094,
8.0541

 79.0564, 91.7393,
96.1140

 81.3867, 92.9742,
107.4521

 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



39.3574, 31.6522, 52.4583



41.2782, 31.6522, 35.8322



39.9242, 31.6522, 22.8759

Triad

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



41.2782, 31.6522, 35.8322



25.7062, 31.6522, 14.6976



24.9776, 31.6522, 64.7961

Complementary

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



41.2782, 31.6522, 35.8322



41.1994, 55.9484, 53.4302

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.



22.0109, 31.6522, 49.4233



41.2782, 31.6522, 35.8322



22.3961, 31.6522, 21.1416

Square

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



41.2782, 31.6522, 35.8322



30.5585, 31.6522, 12.9709



21.1228, 31.6522, 33.1308



29.6153, 31.6522, 71.9383

Rectangle

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



41.2782, 31.6522, 35.8322



37.4241, 31.6522, 17.3451



21.1228, 31.6522, 33.1308



23.7733, 31.6522, 60.2360

Sweetspot

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



41.2791, 31.6537, 35.8328



83.0245, 80.7951, 89.9517



38.8282, 29.6912, 67.3029



17.5140, 16.8865, 18.8403



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.



41.2791, 31.6537, 35.8328



56.8753, 40.2970, 44.8567



40.5489, 33.9047, 24.1477



12.6021, 12.4923, 13.8449



17.5823, 8.9692, 5.1045



1.0992, 0.5565, 0.5115

Inverse Universe

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



41.2791, 31.6537, 35.8328



56.8753, 40.2970, 44.8567



41.9260, 51.6579, 71.3797



12.6021, 12.4923, 13.8449



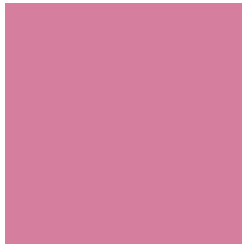
17.5823, 8.9692, 5.1045



1.0992, 0.5565, 0.5115

Previews

White Background



This preview shows how the XYZ color 41.2782, 31.6522, 35.8322 looks on a white background.

Color Contrast Check

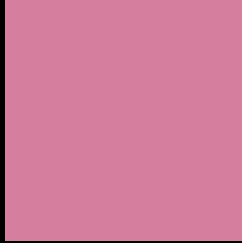
Large Text (above 18pt) WCAG AA × Fail

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 41.2782, 31.6522, 35.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

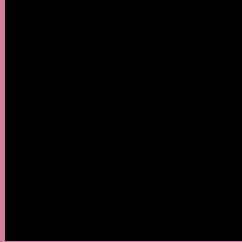
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2782, 31.6522, 35.8322

Background



This preview shows how black text looks on a background with the XYZ color 41.2782, 31.6522, 35.8322.



This preview shows how white text looks on a background with the XYZ color 41.2782, 31.6522,

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

41.2782, 31.6522, 35.8322

Protanopia

31.3487, 31.9576, 44.0513

Deuteranopia

32.4881, 31.8045, 34.5636



Tritanopia

39.6618, 31.5616, 28.4277

Trichromacy



Original Color

41.2782, 31.6522, 35.8322

Protanomaly

34.0311, 31.3192, 40.8108

Deuteranomaly

35.2184, 31.4035, 34.7771

Tritanomaly

40.3481, 31.6598, 31.1785

Monochromacy



Original Color

41.2782, 31.6522, 35.8322

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.2576, 31.9982, 35.8232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2782, 31.6522, 35.8322 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(214, 126, 157)` looks like.

```
.text, #text, p{  
    color:rgb(214, 126, 157)  
}
```

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(214, 126, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 126, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.2782, 31.6522, 35.8322 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(214, 126, 157) }
```


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

```
.border{ border-color:rgb(214, 126, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 126, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 126, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 126, 157);  
box-shadow:4px 4px 4px 4px rgb(214, 126,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2782, 31.6522, 35.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 126, 157) }
```

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

```
.background{ background-color: rgb(214,  
126, 157) }
```

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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