

Converting Colors

XYZ(41.6608, 32.2329, 41.7995)

Have a look what the booklet for
XYZ(41.6608, 32.2329, 41.7995)
contains.

XYZ(41.5900, 32.2667, 41.5722)	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(41.5900, 32.2667,
41.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	D281A9
RGB	210, 129, 169
RGB Percent	82%, 51%, 66%
CMY	0.1765, 0.4941, 0.3373
CMYK	0.00, 0.39, 0.20, 0.18
HSL	330°, 47%, 66%
HSV	330°, 39%, 82%
XYZ	41.5900, 32.2667, 41.5722
YIQ	157.7790, 35.4360, 29.6120

Conversions

Conversions Part 2

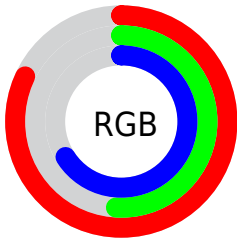
Format	Color
R_{YB}	210, 129, 169
Decimal	13795753
CIE Lab	63.56, 36.65, -7.92
CIE LCh	64, 37.497, 347.814
Yxy	32.2667, 0.3603, 0.2795
Android (android.graphics.Color)	4291985833 (0xFFD281A9)
YUV	157.7790, 5.5320, 45.7978
Hunter-Lab	56.8038, 31.2856, -3.6291

Details

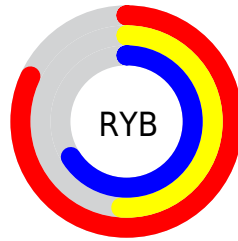
The XYZ color **41.5900, 32.2667, 41.5722** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.3569, 53.6634, 46.3164**, and the grayscale version is **32.3646, 34.0501, 37.0806**.

A 20% lighter version of the original color is **71.6280, 60.5088, 78.4252**, and **19.2617, 13.6032, 18.4401** is the 20% darker color. If you saturate the color by 10%, you get **38.1451, 26.9093, 35.6988**, and if you desaturate by 10%, it is **45.6863, 38.7964, 48.0637**.

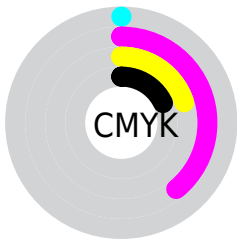
Distribution



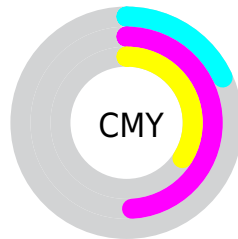
- Red (82%)
- Green (51%)
- Blue (66%)



- Red (82%)
- Yellow (51%)
- Blue (66%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (18%)




- Cyan (18%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5900, 32.2667, 41.5722 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 41.5900, 32.2667, 41.5722 by changing the saturation by 10% instead.

 41.5900, 32.2667,
41.5722


 41.5900, 32.2667,
41.5722


343.8011,
312.3324, 368.4537


 28.9701, 21.5653,
28.4434


 76.8478, 63.2290,
78.8148

 19.2024, 13.5378,
18.4182


 100.2164, 84.2586,
103.7658

 11.9215, 7.7999,
11.0781


 127.8986,
109.4998, 133.4945

 6.7620, 3.9672,
6.0046

160.2597,
139.3369, 168.4195

 3.3587, 1.6552,
2.7790

197.6652,
174.1543, 208.9594

 1.3462, 0.3944,
0.9829

240.4804,

 0.2174, 0.0000,

214.3364, 255.5327

0.0000

289.0706,
260.2676, 308.5579

■ 0.0000, 0.0000,
0.0000

■ 41.5900, 32.2667,
41.5722

■ 41.5900, 32.2667,
41.5722

■ 38.1451, 26.9093,
35.6988

■ 45.6863, 38.7964,
48.0637

■ 35.3119, 22.6488,
30.4199

■ 50.4652, 46.5587,
55.1919

■ 33.0503, 19.4080,
25.7126

■ 55.9591, 55.6153,
62.9769

■ 31.3140, 17.0977,
21.5512

■ 62.1975, 66.0223,
71.4368

■ 30.0489, 15.6126,
17.9071

■ 69.2080, 77.8326,
80.5895

■ 29.1722, 14.7914,
14.7414

■ 77.0153, 91.0924,
90.4510

■ 29.0619, 14.6951,
14.3213

■ 78.5785, 91.7177,
98.6825

■ 80.2346, 92.3802,
107.4038

■ 80.3885, 92.4417,
108.2139

Harmonies

Analogous

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



38.7427, 32.2667, 58.2492



41.5900, 32.2667, 41.5722



41.2776, 32.2667, 27.0356

Triad

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



41.5900, 32.2667, 41.5722



27.6928, 32.2667, 14.2228



24.3968, 32.2667, 61.0962

Complementary

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



41.5900, 32.2667, 41.5722



39.3569, 53.6634, 46.3164

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.



22.0534, 32.2667, 44.7044



41.5900, 32.2667, 41.5722



23.8021, 32.2667, 19.1197

Square

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



41.5900, 32.2667, 41.5722



32.8414, 32.2667, 13.8259



21.8489, 32.2667, 29.3955



28.5936, 32.2667, 71.4888

Rectangle

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



41.5900, 32.2667, 41.5722



39.3221, 32.2667, 20.2642



21.8489, 32.2667, 29.3955



23.3879, 32.2667, 55.9222

Sweetspot

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



41.5909, 32.2682, 41.5728



83.6588, 81.0488, 93.2919



35.9542, 28.8458, 64.6459



17.6630, 16.9461, 19.6246



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.



41.5909, 32.2682, 41.5728



60.2064, 43.3194, 57.1881



38.3922, 30.9887, 24.7287



12.0486, 11.9042, 13.5318



17.7779, 8.9840, 9.0023



1.0341, 0.5183, 0.7143

Inverse Universe

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



41.5909, 32.2682, 41.5728



60.2064, 43.3194, 57.1881



43.7337, 55.4141, 69.3641



12.0486, 11.9042, 13.5318



17.7779, 8.9840, 9.0023



1.0341, 0.5183, 0.7143

Previews

White Background



This preview shows how the XYZ color 41.5900, 32.2667, 41.5722 looks on a white background.

Color Contrast Check

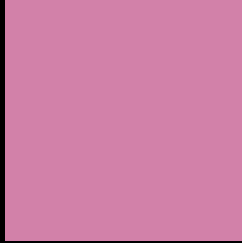
Large Text (above 18pt) WCAG AA × Fail

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 41.5900, 32.2667, 41.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

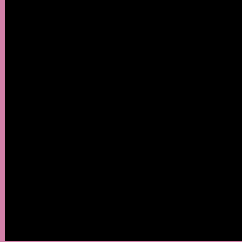
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5900, 32.2667, 41.5722

Background



This preview shows how black text looks on a background with the XYZ color 41.5900, 32.2667, 41.5722.



This preview shows how white text looks on a background with the XYZ color 41.5900, 32.2667,

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

41.5900, 32.2667, 41.5722

Protanopia

32.3609, 32.5811, 50.4821

Deuteranopia

33.0077, 32.4218, 40.1157



Tritanopia

39.2913, 32.3292, 30.5548

Trichromacy



Original Color

41.5900, 32.2667, 41.5722

Protanomaly

34.9045, 31.8591, 46.9576

Deuteranomaly

35.6120, 31.9229, 40.3612

Tritanomaly

40.0135, 32.2123, 34.2457

Monochromacy



Original Color

41.5900, 32.2667, 41.5722

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.0868, 32.8232, 38.6687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5900, 32.2667, 41.5722 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, 129, 169)` looks like.

```
.text, #text, p{  
    color:rgb(210, 129, 169)  
}
```

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, 129, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 129, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.5900, 32.2667, 41.5722 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, 129, 169) }
```


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

```
.border{ border-color:rgb(210, 129, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 129, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 129, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 129, 169);  
box-shadow:4px 4px 4px 4px rgb(210, 129,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5900, 32.2667, 41.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 129, 169) }
```

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

```
.background{ background-color: rgb(210,  
129, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor