

Converting Colors

XYZ(41.7188, 33.0774, 44.7854)

Have a look what the booklet for
XYZ(41.7188, 33.0774, 44.7854)
contains.

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Color

**XYZ(41.5790, 32.9920,
44.7341)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CE85AF |
| RGB | 206, 133, 175 |
| RGB Percent | 81%, 52%, 69% |
| CMY | 0.1922, 0.4784, 0.3137 |
| CMYK | 0.00, 0.35, 0.15, 0.19 |
| HSL | 325°, 43%, 66% |
| HSV | 325°, 35%, 81% |
| XYZ | 41.5790, 32.9920, 44.7341 |
| YIQ | 159.6150, 30.0260, 28.5380 |

Conversions

Conversions Part 2

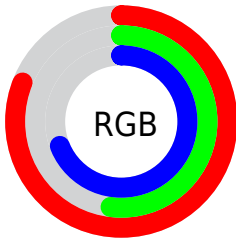
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 206, 133, 175 |
| Decimal | 13534639 |
| CIE _{Lab} | 64.15, 34.07, -10.48 |
| CIE _{LCh} | 64, 35.645, 342.895 |
| Yxy | 32.9920, 0.3485, 0.2765 |
| Android (android.graphics.Color) | 4291724719 (0xFFCE85AF) |
| YUV | 159.6150, 7.5848, 40.6796 |
| Hunter-Lab | 57.4387, 28.6959, -5.9689 |

Details

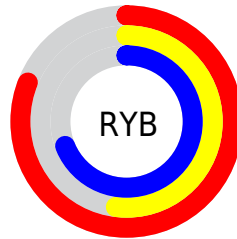
The XYZ color **41.5790, 32.9920, 44.7341** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.4464, 51.8105, 43.0984**, and the grayscale version is **33.1939, 34.9226, 38.0307**.

A 20% lighter version of the original color is **73.4341, 62.5702, 83.8082**, and **19.1701, 13.9487, 20.4209** is the 20% darker color. If you saturate the color by 10%, you get **38.1989, 27.5623, 39.5047**, and if you desaturate by 10%, it is **45.5698, 39.5532, 50.4425**.

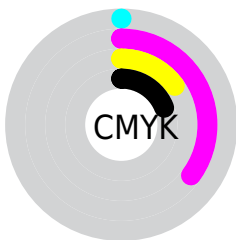
Distribution



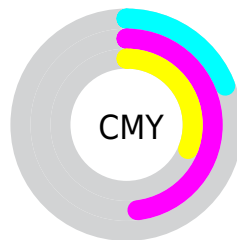
- Red (81%)
- Green (52%)
- Blue (69%)



- Red (81%)
- Yellow (52%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5790, 32.9920, 44.7341 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 41.5790, 32.9920, 44.7341 by changing the saturation by 10% instead.


 41.5790, 32.9920,
44.7341


 41.5790, 32.9920,
44.7341


343.7561,
315.6137, 381.8243


 28.9614, 22.1203,
30.9066


 76.8312, 64.3630,
83.6355

 19.1958, 13.9453,
20.2699

 100.1966, 85.6312,
109.5464

 11.9167, 8.0827,
12.4054


 127.8753,
111.1336, 140.3223

 6.7588, 4.1479,
6.8945

160.2327,
141.2547, 176.3816

 3.3567, 1.7566,
3.3188

197.6341,
176.3789, 218.1430

 1.3451, 0.4599,
1.2596

240.4449,

 0.2166, 0.0000,

216.8905, 266.0248

0.0283

289.0305,
263.1740, 320.4457

■ 0.0000, 0.0000,
0.0000

■ 41.5790, 32.9920,
44.7341

■ 41.5790, 32.9920,
44.7341

■ 38.1989, 27.5623,
39.5047

■ 45.5698, 39.5532,
50.4425

■ 35.3930, 23.1940,
34.7358

■ 50.1992, 47.3012,
56.6431

■ 33.1254, 19.8166,
30.4106


■ 55.4969, 56.2935,
63.3511


■ 31.3546, 17.3488,
26.5098


■ 61.4898, 66.5824,
70.5801


■ 30.0325, 15.6964,
23.0116


■ 68.2032, 78.2169,
78.3434


 29.1004, 14.7439,
19.8906

 75.1469, 90.2152,
86.4819

 28.7546, 14.4422,
18.5729

 76.3891, 90.7120,
93.0229

 77.6935, 91.2338,
99.8920

 79.0611, 91.7808,
107.0938

Harmonies

Analogous

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



38.4389, 32.9920, 60.3764



41.5790, 32.9920, 44.7341



41.8021, 32.9920, 30.0698

Triad

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



41.5790, 32.9920, 44.7341



29.2414, 32.9920, 15.0689



24.7714, 32.9920, 58.3582

Complementary

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



41.5790, 32.9920, 44.7341



38.4464, 51.8105, 43.0984

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.



22.8166, 32.9920, 42.4897



41.5790, 32.9920, 44.7341



25.2048, 32.9920, 19.1646

Square

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



41.5790, 32.9920, 44.7341



34.3001, 32.9920, 15.3670



22.9662, 32.9920, 28.3517



28.5890, 32.9920, 69.5767

Rectangle

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



41.5790, 32.9920, 44.7341



40.2338, 32.9920, 22.8425



22.9662, 32.9920, 28.3517



23.8940, 32.9920, 53.2322

Sweetspot

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



41.5800, 32.9935, 44.7348



84.8863, 82.6472, 96.3420



34.7193, 29.0636, 62.1730



17.9215, 17.2703, 20.3053



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.



41.5800, 32.9935, 44.7348



62.8576, 46.1934, 65.5579



38.5087, 31.7650, 28.5614



11.4783, 11.3201, 13.0533



17.7555, 8.9128, 11.6968



0.9535, 0.4748, 0.8007

Inverse Universe

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



41.5800, 32.9935, 44.7348



62.8576, 46.1934, 65.5579



42.1609, 53.2962, 62.6583



11.4783, 11.3201, 13.0533



17.7555, 8.9128, 11.6968



0.9535, 0.4748, 0.8007

Previews

White Background



This preview shows how the XYZ color 41.5790, 32.9920, 44.7341 looks on a white background.

Color Contrast Check

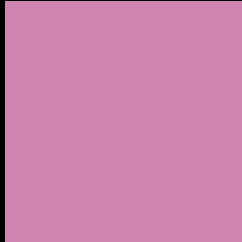
Large Text (above 18pt) WCAG AA × Fail

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 41.5790, 32.9920, 44.7341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

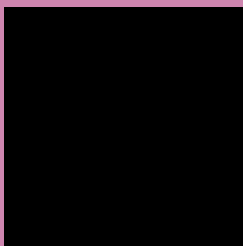
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5790, 32.9920, 44.7341

Background



This preview shows how black text looks on a background with the XYZ color 41.5790, 32.9920, 44.7341.



This preview shows how white text looks on a background with the XYZ color 41.5790, 32.9920,

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

41.5790, 32.9920, 44.7341

Protanopia

32.9537, 33.0812, 52.7926

Deuteranopia

33.9845, 33.3275, 43.6714



Tritanopia

39.0624, 33.0116, 32.3300

Trichromacy



Original Color

41.5790, 32.9920, 44.7341

Protanomaly

35.2928, 32.4535, 49.7514

Deuteranomaly

36.2586, 32.8516, 43.9651

Tritanomaly

39.8776, 32.9143, 36.5991

Monochromacy



Original Color

41.5790, 32.9920, 44.7341

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.8293, 33.8764, 40.2477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5790, 32.9920, 44.7341 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(206, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(206, 133, 175)  
}
```

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(206, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 133, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.5790, 32.9920, 44.7341 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(206, 133, 175) }
```


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

```
.border{ border-color:rgb(206, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(206, 133,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5790, 32.9920, 44.7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 133, 175) }
```

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

```
.background{ background-color: rgb(206,  
133, 175) }
```

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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