

Converting Colors

XYZ(43.8162, 35.8841, 46.6227)

Have a look what the booklet for
XYZ(43.8162, 35.8841, 46.6227)
contains.

XYZ(43.8553, 35.8194, 46.7219)	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(43.8553, 35.8194,
46.7219)**

Conversions

Conversions Part 1

Format	Color
Hex	D18DB2
RGB	209, 141, 178
RGB Percent	82%, 55%, 70%
CMY	0.1804, 0.4470, 0.3020
CMYK	0.00, 0.33, 0.15, 0.18
HSL	327°, 42%, 69%
HSV	327°, 33%, 82%
XYZ	43.8553, 35.8194, 46.7219
YIQ	165.5500, 28.6510, 25.9230

Conversions

Conversions Part 2

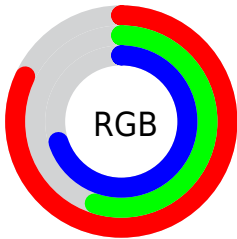
Format	Color
R _Y B	209, 141, 178
Decimal	13733298
CIE Lab	66.38, 31.27, -8.81
CIE LCh	66, 32.490, 344.259
Yxy	35.8194, 0.3470, 0.2834
Android (android.graphics.Color)	4291923378 (0xFFD18DB2)
YUV	165.5500, 6.1379, 38.1057
Hunter-Lab	59.8493, 26.0617, -4.3908

Details

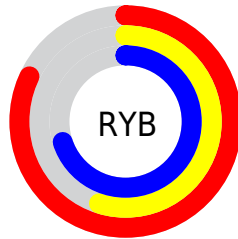
The XYZ color **43.8553, 35.8194, 46.7219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2329, 54.2433, 47.3290**, and the grayscale version is **35.9911, 37.8654, 41.2354**.

A 20% lighter version of the original color is **75.6064, 66.2307, 86.6408**, and **20.4947, 15.5653, 21.3263** is the 20% darker color. If you saturate the color by 10%, you get **40.1358, 29.8584, 40.9248**, and if you desaturate by 10%, it is **48.2248, 42.9732, 53.0644**.

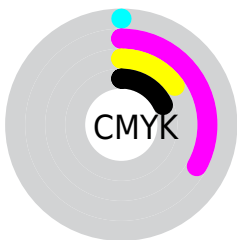
Distribution



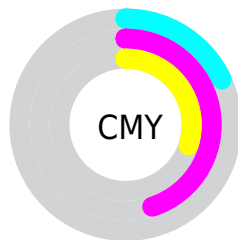
- Red (82%)
- Green (55%)
- Blue (70%)



- Red (82%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8553, 35.8194, 46.7219 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 43.8553, 35.8194, 46.7219 by changing the saturation by 10% instead.


 43.8553, 35.8194,
46.7219


 43.8553, 35.8194,
46.7219


352.9797,
328.1705, 390.0650


 30.7542, 24.2947,
32.4631


 80.2477, 68.7532,
86.6440

 20.5626, 15.5524,
21.4477


 104.2696, 90.9312,
113.1443

 12.9153, 9.2080,
13.2572


 132.6626,
117.4290, 144.5623

 7.4469, 4.8771,
7.4731

165.7919,
148.6312, 181.3164

 3.7919, 2.1753,
3.6768

204.0229,
184.9220, 223.8252

 1.5851, 0.7065,
1.4498

247.7209,

 0.3827, 0.0000,

226.6859, 272.5072

0.1801

297.2514,
274.3073, 327.7809

■ 0.0000, 0.0000,
0.0000

■ 43.8553, 35.8194,
46.7219

■ 43.8553, 35.8194,
46.7219

■ 40.1358, 29.8584,
40.9248

■ 48.2248, 42.9732,
53.0644

■ 37.0292, 25.0192,
35.6529

■ 53.2728, 51.3760,
59.9670

■ 34.4989, 21.2308,
30.8876


■ 59.0296, 61.0860,
67.4464


■ 32.5033, 18.4120,
26.6079


■ 65.5230, 72.1565,
75.5180


■ 30.9944, 16.4693,
22.7907


■ 72.7789, 84.6379,
84.1963


 29.9150, 15.2907,
19.4091

 77.0751, 91.0836,
92.2464

 29.3159, 14.7639,
17.1394

 78.4906, 91.6498,
99.7002

 79.9809, 92.2459,
107.5484

 80.1048, 92.2955,
108.2006

Harmonies

Analogous

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



40.9926, 35.8194, 61.4809



43.8553, 35.8194, 46.7219



43.9294, 35.8194, 32.7736

Triad

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



43.8553, 35.8194, 46.7219



31.7950, 35.8194, 18.3877



27.7813, 35.8194, 60.8202

Complementary

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



43.8553, 35.8194, 46.7219



41.2329, 54.2433, 47.3290

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.



25.7675, 35.8194, 45.9716



43.8553, 35.8194, 46.7219



27.9309, 35.8194, 22.8019

Square

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



43.8553, 35.8194, 46.7219



36.6440, 35.8194, 18.4964



25.8195, 35.8194, 32.1817



31.5724, 35.8194, 70.8489

Rectangle

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



43.8553, 35.8194, 46.7219



42.3679, 35.8194, 25.7918



25.8195, 35.8194, 32.1817



26.8909, 35.8194, 56.0907

Sweetspot

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



43.8563, 35.8210, 46.7226



85.6321, 84.0694, 96.8044



37.9606, 32.3805, 64.5716



18.0654, 17.5519, 20.3724



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.



43.8563, 35.8210, 46.7226



64.6436, 49.5224, 66.9025



40.8854, 34.6327, 31.0779



12.0739, 11.9143, 13.6650



18.1254, 9.1230, 10.8326



1.0532, 0.5260, 0.8152

Inverse Universe

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



43.8563, 35.8210, 46.7226



64.6436, 49.5224, 66.9025



44.8782, 55.7014, 66.5249



12.0739, 11.9143, 13.6650



18.1254, 9.1230, 10.8326



1.0532, 0.5260, 0.8152

Previews

White Background



This preview shows how the XYZ color 43.8553, 35.8194, 46.7219 looks on a white background.

Color Contrast Check

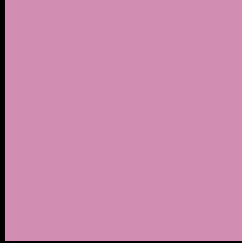
Large Text (above 18pt) WCAG AA × Fail

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 43.8553, 35.8194, 46.7219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

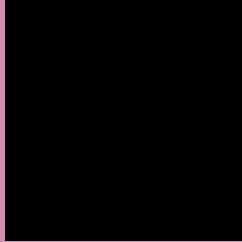
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8553, 35.8194, 46.7219

Background



This preview shows how black text looks on a background with the XYZ color 43.8553, 35.8194, 46.7219.



This preview shows how white text looks on a background with the XYZ color 43.8553, 35.8194,

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

43.8553, 35.8194, 46.7219

Protanopia

35.6851, 35.9711, 54.3525

Deuteranopia

36.5894, 35.8670, 45.5520



Tritanopia

41.5797, 35.7729, 36.1659

Trichromacy



Original Color

43.8553, 35.8194, 46.7219

Protanomaly

37.9334, 35.4416, 51.2960

Deuteranomaly

38.9107, 35.5821, 45.8915

Tritanomaly

42.4062, 35.8923, 39.8148

Monochromacy



Original Color

43.8553, 35.8194, 46.7219

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.6041, 36.9613, 43.1298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8553, 35.8194, 46.7219 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(209, 141, 178)` looks like.

```
.text, #text, p{  
    color:rgb(209, 141, 178)  
}
```

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(209, 141, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 141, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.8553, 35.8194, 46.7219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

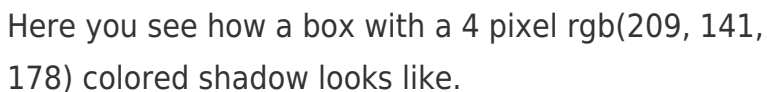
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 141, 178) }
```


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

```
.border{ border-color:rgb(209, 141, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 141, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 141, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 141, 178); box-shadow:4px 4px 4px 4px rgb(209, 141, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8553, 35.8194, 46.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 141, 178) }
```

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

```
.background{ background-color: rgb(209,  
141, 178) }
```

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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