

Converting Colors

XYZ(40.7208, 26.5822, 43.5421)

Have a look what the booklet for
XYZ(40.7208, 26.5822, 43.5421)
contains.

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Color

**XYZ(40.7208, 26.5822,
43.5421)**

Conversions

Conversions Part 1

Format	Color
Hex	D962AF
RGB	217, 98, 175
RGB Percent	85%, 38%, 69%
CMY	0.1490, 0.6157, 0.3137
CMYK	0.00, 0.55, 0.19, 0.15
HSL	321°, 61%, 62%
HSV	321°, 55%, 85%
XYZ	40.7208, 26.5822, 43.5421
YIQ	142.3590, 46.2070, 49.1750

Conversions

Conversions Part 2

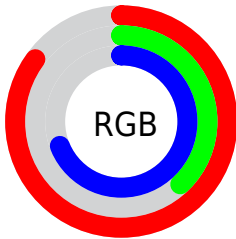
Format	Color
R _Y B	217, 98, 175
Decimal	14246575
CIE Lab	58.59, 55.44, -18.75
CIE LCh	59, 58.528, 341.312
Yxy	26.5822, 0.3674, 0.2398
Android (android.graphics.Color)	4292436655 (0xFFD962AF)
YUV	142.3590, 16.0920, 65.4602
Hunter-Lab	51.5579, 50.7541, -13.9815

Details

The XYZ color **40.7208, 26.5822, 43.5421** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.5848, 54.1166, 33.4361**, and the grayscale version is **25.7796, 27.1222, 29.5361**.

A 20% lighter version of the original color is **67.0550, 49.8120, 81.6818**, and **18.6039, 10.3619, 19.4319** is the 20% darker color. If you saturate the color by 10%, you get **38.2277, 22.7656, 39.1043**, and if you desaturate by 10%, it is **43.8085, 31.5189, 48.3891**.

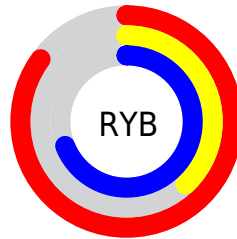
Distribution



Red (85%)

Green (38%)

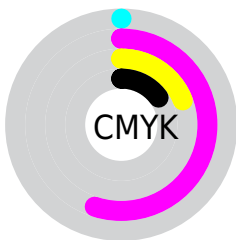
Blue (69%)



Red (85%)

Yellow (38%)

Blue (69%)

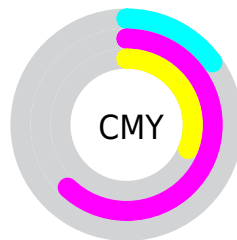


Cyan (0%)

Magenta (55%)

Yellow (19%)

Black (15%)



Cyan (15%)


Magenta (62%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7208, 26.5822, 43.5421 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 40.7208, 26.5822, 43.5421 by changing the saturation by 10% instead.

 40.7208, 26.5822,
43.5421


 40.7208, 26.5822,
43.5421


340.2349,
285.6285, 376.8229

 28.2877, 17.2597,
29.9761

 75.5373, 54.2127,
81.8234


 18.6842, 10.4198,
19.5686


 98.6513, 73.2895,
107.3758

 11.5450, 5.6782,
11.9009


 126.0564, 96.3865,
137.7608

 6.5046, 2.6504,
6.5545

 158.1179,
123.8881, 173.3968

 3.1978, 0.9521,
3.1109

195.2012,
156.1787, 214.7025

 1.2592, 0.0000,
1.1515

237.6715,

 0.1524, 0.0000,

193.6427, 262.0964

0.0000

285.8943,
236.6645, 315.9971

■ 0.0000, 0.0000,
0.0000

■ 40.7208, 26.5822,
43.5421

■ 40.7208, 26.5822,
43.5421

■ 38.2277, 22.7656,
39.1043

■ 43.8085, 31.5189,
48.3891

■ 36.2804, 19.9739,
35.0553

■ 47.5295, 37.6533,
53.6609

■ 34.8261, 18.1021,
31.3742

■ 51.9221, 45.0602,
59.3738

■ 33.7994, 17.0207,
28.0355

■ 57.0205, 53.8074,
65.5424

■ 33.3793, 16.6573,
26.4251

■ 62.8568, 63.9579,
72.1805

■ 69.4610, 75.5704,
79.3013

■ 76.8612, 88.7006,
86.9171

■ 79.5556, 92.3439,
93.1970

■ 80.6945, 92.7994,
99.1940

Harmonies

Analogous

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



35.5138, 26.5822, 69.9311



40.7208, 26.5822, 43.5421



41.3556, 26.5822, 21.8631

Triad

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



40.7208, 26.5822, 43.5421



22.6544, 26.5822, 4.9137



16.2536, 26.5822, 63.6562

Complementary

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



40.7208, 26.5822, 43.5421



34.5848, 54.1166, 33.4361

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.



14.0065, 26.5822, 37.4080



40.7208, 26.5822, 43.5421



17.2070, 26.5822, 8.2511

Square

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



40.7208, 26.5822, 43.5421



29.9498, 26.5822, 5.3282



14.3188, 26.5822, 18.0379



21.0972, 26.5822, 84.8383

Rectangle

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



40.7208, 26.5822, 43.5421



38.9833, 26.5822, 12.8803



14.3188, 26.5822, 18.0379



15.2151, 26.5822, 54.7225

Sweetspot

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



40.7216, 26.5835, 43.5426



81.1546, 75.7814, 93.2556



27.6498, 19.2918, 67.9124



17.0315, 15.6365, 19.5574



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.



40.7216, 26.5835, 43.5426



54.5420, 31.9951, 55.2855



36.1277, 24.7459, 19.3512



13.4091, 13.1927, 15.4154



20.2578, 10.1042, 16.2694



1.3527, 0.6707, 1.2664

Inverse Universe

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



40.7216, 26.5835, 43.5426



54.5420, 31.9951, 55.2855



40.1771, 56.3536, 62.8848



13.4091, 13.1927, 15.4154



20.2578, 10.1042, 16.2694



1.3527, 0.6707, 1.2664

Previews

White Background



This preview shows how the XYZ color 40.7208, 26.5822, 43.5421 looks on a white background.

Color Contrast Check

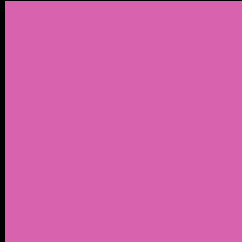
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7208, 26.5822, 43.5421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

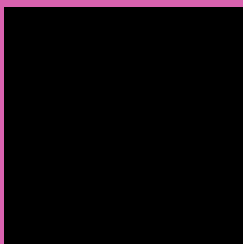
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.7208, 26.5822, 43.5421

Background



This preview shows how black text looks on a background with the XYZ color 40.7208, 26.5822, 43.5421.



This preview shows how white text looks on a background with the XYZ color 40.7208, 26.5822,

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

40.7208, 26.5822, 43.5421

Protanopia

27.9978, 26.8661, 61.4676

Deuteranopia

27.3117, 26.7549, 40.7705



Tritanopia

35.8782, 26.5497, 20.6864

Trichromacy



Original Color

40.7208, 26.5822, 43.5421



Protanomaly

30.4628, 25.2789, 54.3127



Deuteranomaly

30.7958, 25.5412, 41.8349



Tritanomaly

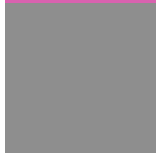
37.2548, 26.3183, 27.5425

Monochromacy



Original Color

40.7208, 26.5822, 43.5421



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

29.6558, 25.6898, 33.9675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7208, 26.5822, 43.5421 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(217, 98, 175)` looks like.

```
.text, #text, p{  
    color:rgb(217, 98, 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(217, 98, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 98, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.7208, 26.5822, 43.5421 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(217, 98, 175) }
```


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

```
.border{ border-color:rgb(217, 98, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 98, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 98, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 98, 175);  
box-shadow:4px 4px 4px 4px rgb(217, 98,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7208, 26.5822, 43.5421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 98, 175) }
```

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

```
.background{ background-color: rgb(217, 98,  
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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