

Converting Colors

XYZ(39.7545, 26.1614, 40.0002)

Have a look what the booklet for
XYZ(39.7545, 26.1614, 40.0002)
contains.

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Color

**XYZ(39.7545, 26.1614,
40.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	D862A8
RGB	216, 98, 168
RGB Percent	85%, 38%, 66%
CMY	0.1529, 0.6157, 0.3412
CMYK	0.00, 0.55, 0.22, 0.15
HSL	324°, 60%, 62%
HSV	324°, 55%, 85%
XYZ	39.7545, 26.1614, 40.0002
YIQ	141.2620, 47.8580, 46.7860

Conversions

Conversions Part 2

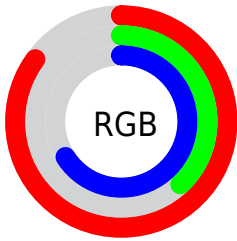
Format	Color
R _Y B	216, 98, 168
Decimal	14181032
CIE Lab	58.19, 54.14, -15.33
CIE LCh	58, 56.269, 344.195
Yxy	26.1614, 0.3753, 0.2470
Android (android.graphics.Color)	4292371112 (0xFFD862A8)
YUV	141.2620, 13.1818, 65.5452
Hunter-Lab	51.1482, 49.2282, -10.5637

Details

The XYZ color **39.7545, 26.1614, 40.0002** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.7825, 53.7846, 35.7448**, and the grayscale version is **25.3578, 26.6784, 29.0528**.

A 20% lighter version of the original color is **65.9505, 49.3702, 75.8655**, and **18.0809, 10.1860, 17.5361** is the 20% darker color. If you saturate the color by 10%, you get **37.2082, 22.3347, 35.2482**, and if you desaturate by 10%, it is **42.9029, 31.1033, 45.2263**.

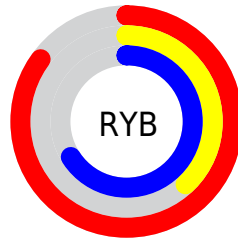
Distribution



Red (85%)

Green (38%)

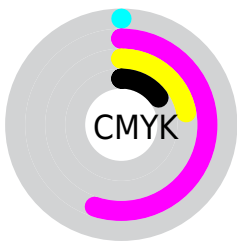
Blue (66%)



Red (85%)

Yellow (38%)

Blue (66%)

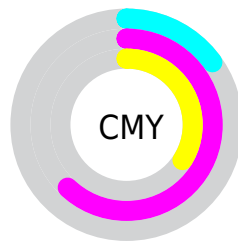


Cyan (0%)

Magenta (55%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (62%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7545, 26.1614, 40.0002 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 39.7545, 26.1614, 40.0002 by changing the saturation by 10% instead.


 39.7545, 26.1614,
40.0002

 39.7545, 26.1614,
40.0002

336.2399,
283.5735, 361.6765


 27.5305, 16.9444,
27.2249


 74.0762, 53.5352,
76.4009


 18.1107, 10.1949,
17.5083


 96.9048, 72.4608,
100.8634

 11.1297, 5.5284,
10.4318


 123.9988, 95.3915,
130.0587

 6.2221, 2.5605,
5.5768

 155.7238,
122.7115, 164.4054

 3.0225, 0.9068,
2.5249

192.4450,
154.8053, 204.3220

 1.1657, 0.0000,
0.8533

234.5279,

 0.0790, 0.0000,

192.0573, 250.2270

0.0000

282.3377,
234.8519, 302.5390

■ 0.0000, 0.0000,
0.0000

■ 39.7545, 26.1614,
40.0002

■ 39.7545, 26.1614,
40.0002

■ 37.2082, 22.3347,
35.2482

■ 42.9029, 31.1033,
45.2263

■ 35.2156, 19.5288,
30.9481

■ 46.6921, 37.2367,
50.9440

■ 33.7242, 17.6404,
27.0772

■ 51.1601, 44.6359,
57.1711

■ 32.6694, 16.5419,
23.6082

■ 56.3413, 53.3679,
63.9240

■ 32.2241, 16.1610,
21.8887

■ 62.2674, 63.4949,
71.2183

■ 68.9684, 75.0751,
79.0684

■ 76.4726, 88.1637,
87.4884

■ 79.5552, 92.3095,
94.7413

■ 80.8803, 92.8395,
101.7194

Harmonies

Analogous

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



35.1841, 26.1614, 64.8327



39.7545, 26.1614, 40.0002



39.8852, 26.1614, 20.2257

Triad

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



39.7545, 26.1614, 40.0002



21.7838, 26.1614, 5.3739



16.5919, 26.1614, 63.5482

Complementary

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



39.7545, 26.1614, 40.0002



34.7825, 53.7846, 35.7448

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.



14.1876, 26.1614, 38.7336



39.7545, 26.1614, 40.0002



16.7919, 26.1614, 9.1397

Square

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



39.7545, 26.1614, 40.0002



28.6149, 26.1614, 5.4643



14.2534, 26.1614, 19.4241



21.4590, 26.1614, 82.1265

Rectangle

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



39.7545, 26.1614, 40.0002



37.3795, 26.1614, 12.1510



14.2534, 26.1614, 19.4241



15.5121, 26.1614, 55.2659

Sweetspot

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



39.7553, 26.1627, 40.0007



80.8291, 75.6512, 91.5414



28.4760, 19.7327, 67.2742



16.9537, 15.6054, 19.1478



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.



39.7553, 26.1627, 40.0007



53.5440, 31.5959, 50.0302



35.4912, 24.4571, 17.5465



12.7293, 12.5432, 14.5147



19.1280, 9.5875, 13.2441



1.1943, 0.5945, 1.0125

Inverse Universe

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



39.7553, 26.1627, 40.0007



53.5440, 31.5959, 50.0302



40.5169, 56.0784, 65.9421



12.7293, 12.5432, 14.5147



19.1280, 9.5875, 13.2441



1.1943, 0.5945, 1.0125

Previews

White Background



This preview shows how the XYZ color 39.7545, 26.1614, 40.0002 looks on a white background.

Color Contrast Check

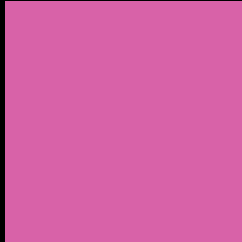
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7545, 26.1614, 40.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

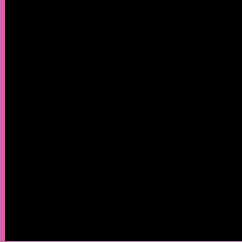
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7545, 26.1614, 40.0002

Background



This preview shows how black text looks on a background with the XYZ color 39.7545, 26.1614, 40.0002.



This preview shows how white text looks on a background with the XYZ color 39.7545, 26.1614,

40.0002.

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

39.7545, 26.1614, 40.0002

Protanopia

27.1926, 26.3458, 56.4754

Deuteranopia

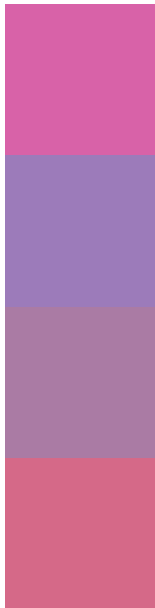
26.9688, 26.4292, 37.8624



Tritanopia

35.5435, 26.0705, 19.9884

Trichromacy



Original Color

39.7545, 26.1614, 40.0002

Protanomaly

29.6562, 24.7790, 49.6741

Deuteranomaly

30.3614, 25.3923, 38.4229

Tritanomaly

36.9361, 26.0269, 26.3695

Monochromacy



Original Color

39.7545, 26.1614, 40.0002

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.0680, 25.2264, 32.6153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7545, 26.1614, 40.0002 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(216, 98, 168)` looks like.

```
.text, #text, p{  
    color:rgb(216, 98, 168)  
}
```

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(216, 98, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 98, 168) }
```

Border

The CSS property to change the border of an element to XYZ 39.7545, 26.1614, 40.0002 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(216, 98, 168) }
```


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

```
.border{ border-color:rgb(216, 98, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 98, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 98, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 98, 168);  
box-shadow:4px 4px 4px 4px rgb(216, 98,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7545, 26.1614, 40.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 98, 168) }
```

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

```
.background{ background-color: rgb(216, 98,  
168) }
```

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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