

Converting Colors

XYZ(39.8263, 26.6501, 30.9880)

Have a look what the booklet for
XYZ(39.8263, 26.6501, 30.9880)
contains.

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Color

**XYZ(39.7213, 26.6246,
31.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6494
RGB	221, 100, 148
RGB Percent	87%, 39%, 58%
CMY	0.1333, 0.6078, 0.4196
CMYK	0.00, 0.55, 0.33, 0.13
HSL	336°, 64%, 63%
HSV	336°, 55%, 87%
XYZ	39.7213, 26.6246, 31.0625
YIQ	141.6510, 56.7080, 40.5800

Conversions

Conversions Part 2

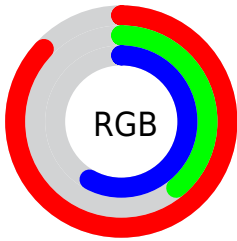
Format	Color
R _Y B	221, 100, 148
Decimal	14509204
CIE Lab	58.63, 52.16, -3.00
CIE LCh	59, 52.248, 356.712
Yxy	26.6246, 0.4078, 0.2733
Android (android.graphics.Color)	4292699284 (0xFFDD6494)
YUV	141.6510, 3.1301, 69.5891
Hunter-Lab	51.5990, 47.1123, 0.4269

Details

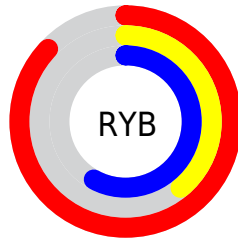
The XYZ color **39.7213, 26.6246, 31.0625** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.6562, 57.4401, 48.5880**, and the grayscale version is **25.5466, 26.8770, 29.2691**.

A 20% lighter version of the original color is **63.6220, 48.9670, 61.9754**, and **17.9963, 10.4212, 12.3722** is the 20% darker color. If you saturate the color by 10%, you get **36.8864, 22.5476, 25.2069**, and if you desaturate by 10%, it is **43.2541, 31.9025, 37.7511**.

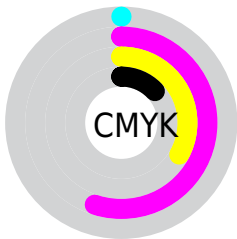
Distribution



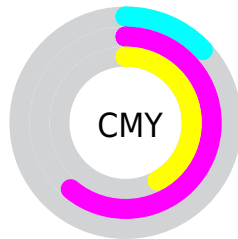
- Red (87%)
- Green (39%)
- Blue (58%)



- Red (87%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (55%)
- Yellow (33%)
- Black (13%)




- Cyan (13%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7213, 26.6246, 31.0625 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 39.7213, 26.6246, 31.0625 by changing the saturation by 10% instead.


 39.7213, 26.6246,
31.0625


 39.7213, 26.6246,
31.0625


336.1021,
285.8349, 321.1863


 27.5046, 17.2915,
20.3876


 74.0260, 54.2809,
62.4192


 18.0911, 10.4425,
12.4902


 96.8446, 73.3728,
83.9380

 11.1155, 5.6933,
6.9519


 123.9279, 96.4865,
109.9086

 6.2124, 2.6595,
3.3540

 155.6413,
124.0064, 140.7495

 3.0166, 0.9567,
1.2781

192.3500,
156.3167, 176.8791

 1.1625, 0.0000,
0.0438

234.4195,

 0.0765, 0.0000,

193.8020, 218.7161

0.0000

282.2151,
236.8466, 266.6790

■ 0.0000, 0.0000,
0.0000

■ 39.7213, 26.6246,
31.0625

■ 39.7213, 26.6246,
31.0625

■ 36.8864, 22.5476,
25.2069

■ 43.2541, 31.9025,
37.7511

■ 34.6954, 19.5705,
20.1453

■ 47.5288, 38.4635,
45.3059

■ 33.0893, 17.5823,
15.8369


■ 52.5882, 46.3872,
53.7599

■ 31.9960, 16.4459,
12.2350

■ 58.4713, 55.7455,
63.1437


■ 31.5664, 16.0712,
10.5979

■ 65.2141, 66.6054,
73.4863

 72.8506, 79.0293,
84.8155

 81.4130, 93.0763,
97.1576

 83.5759, 94.0910,
108.0862

 83.6289, 94.1122,
108.3655

Harmonies

Analogous

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



37.0770, 26.6246, 53.0135



39.7213, 26.6246, 31.0625



37.9968, 26.6246, 15.8361

Triad

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



39.7213, 26.6246, 31.0625



20.1577, 26.6246, 7.5023



19.1233, 26.6246, 69.6664

Complementary

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



39.7213, 26.6246, 31.0625



38.6562, 57.4401, 48.5880

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.



15.8115, 26.6246, 47.9388



39.7213, 26.6246, 31.0625



16.3341, 26.6246, 13.6057

Square

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



39.7213, 26.6246, 31.0625



26.0197, 26.6246, 6.0939



14.8833, 26.6246, 27.0112



24.6053, 26.6246, 80.4733

Rectangle

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



39.7213, 26.6246, 31.0625



34.7377, 26.6246, 10.1325



14.8833, 26.6246, 27.0112



17.7575, 26.6246, 63.0447

Sweetspot

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



39.7220, 26.6260, 31.0630



79.6741, 75.1892, 85.4596



34.7549, 23.1751, 71.0483



16.6788, 15.4955, 17.7005



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.



39.7220, 26.6260, 31.0630



50.4117, 30.3430, 33.5359



37.9253, 27.9042, 15.4454



13.2689, 13.1367, 14.6773



18.3896, 9.3569, 6.4316



1.2331, 0.6229, 0.6364

Inverse Universe

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



39.7220, 26.6260, 31.0630



50.4117, 30.3430, 33.5359



41.0836, 53.4825, 76.5647



13.2689, 13.1367, 14.6773



18.3896, 9.3569, 6.4316



1.2331, 0.6229, 0.6364

Previews

White Background



This preview shows how the XYZ color 39.7213, 26.6246, 31.0625 looks on a white background.

Color Contrast Check

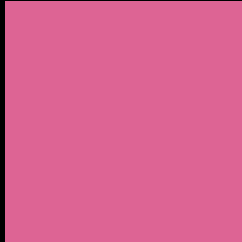
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7213, 26.6246, 31.0625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

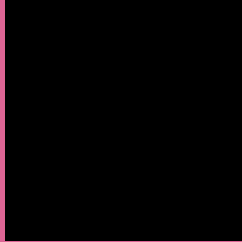
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.7213, 26.6246, 31.0625

Background



This preview shows how black text looks on a background with the XYZ color 39.7213, 26.6246, 31.0625.



This preview shows how white text looks on a background with the XYZ color 39.7213, 26.6246,

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

39.7213, 26.6246, 31.0625

Protanopia

26.7524, 26.8416, 43.3061

Deuteranopia

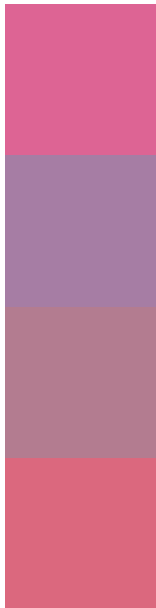
27.3457, 26.8129, 29.3253



Tritanopia

37.2084, 26.6357, 19.0997

Trichromacy



Original Color

39.7213, 26.6246, 31.0625

Protanomaly

29.7603, 25.4546, 38.4666

Deuteranomaly

30.8321, 26.0126, 29.7815

Tritanomaly

37.9296, 26.4671, 22.8482

Monochromacy



Original Color

39.7213, 26.6246, 31.0625

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.4180, 25.8503, 29.8247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7213, 26.6246, 31.0625 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(221, 100, 148)` looks like.

```
.text, #text, p{  
    color:rgb(221, 100, 148)  
}
```

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(221, 100, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 100, 148) }
```

Border

The CSS property to change the border of an element to XYZ 39.7213, 26.6246, 31.0625 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(221, 100, 148) }
```


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

```
.border{ border-color:rgb(221, 100, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 100, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 100, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 100, 148);  
box-shadow:4px 4px 4px 4px rgb(221, 100,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7213, 26.6246, 31.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 100, 148) }
```

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

```
.background{ background-color: rgb(221,  
100, 148) }
```

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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