

Converting Colors

XYZ(41.3152, 30.9162, 31.7021)

Have a look what the booklet for
XYZ(41.3152, 30.9162, 31.7021)
contains.

XYZ(41.3961, 30.8729, 31.7942)	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(41.3961, 30.8729,
31.7942)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7994
RGB	219, 121, 148
RGB Percent	86%, 47%, 58%
CMY	0.1412, 0.5255, 0.4196
CMYK	0.00, 0.45, 0.32, 0.14
HSL	343°, 58%, 67%
HSV	343°, 45%, 86%
XYZ	41.3961, 30.8729, 31.7942
YIQ	153.3800, 49.7410, 29.1730

Conversions

Conversions Part 2

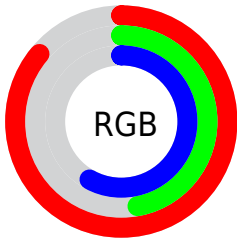
Format	Color
R _Y B	219, 121, 148
Decimal	14383508
CIE Lab	62.40, 41.07, 2.49
CIE LCh	62, 41.147, 3.464
Yxy	30.8729, 0.3978, 0.2967
Android (android.graphics.Color)	4292573588 (0xFFDB7994)
YUV	153.3800, -2.6523, 57.5487
Hunter-Lab	55.5634, 35.7510, 4.9677

Details

The XYZ color **41.3961, 30.8729, 31.7942** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.7326, 58.5346, 58.9184**, and the grayscale version is **30.4407, 32.0260, 34.8763**.

A 20% lighter version of the original color is **67.2306, 56.1842, 63.1783**, and **19.0307, 12.7152, 13.0065** is the 20% darker color. If you saturate the color by 10%, you get **37.8594, 25.6735, 24.8378**, and if you desaturate by 10%, it is **45.7108, 37.3524, 39.8600**.

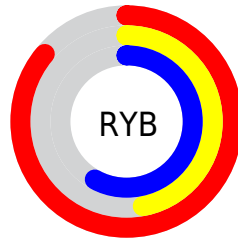
Distribution



Red (86%)

Green (47%)

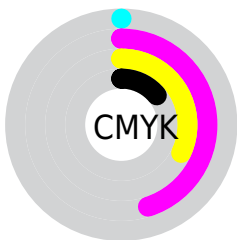
Blue (58%)



Red (86%)

Yellow (47%)

Blue (58%)

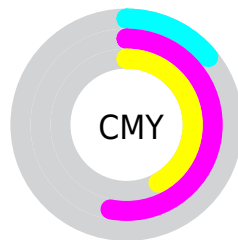


Cyan (0%)

Magenta (45%)

Yellow (32%)

Black (14%)



Cyan (14%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3961, 30.8729, 31.7942 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 41.3961, 30.8729, 31.7942 by changing the saturation by 10% instead.


 41.3961, 30.8729,
31.7942


 41.3961, 30.8729,
31.7942


343.0078,
305.9523, 324.6445


 28.8178, 20.5021,
20.9408


 76.5557, 61.0399,
63.5825

 19.0866, 12.7605,
12.8899


 99.8677, 81.6049,
85.3545

 11.8372, 7.2639,
7.2230


 127.4883,
106.3367, 111.6031

 6.7044, 3.6277,
3.5214

159.7829,
135.6198, 142.7469

 3.3226, 1.4675,
1.3666

197.1168,
169.8385, 179.2044

 1.3266, 0.2657,
0.1155

239.8553,

 0.2030, 0.0000,

209.3772, 221.3941

0.0000

288.3638,
254.6204, 269.7346

■ 0.0000, 0.0000,
0.0000

■ 41.3961, 30.8729,
31.7942

■ 41.3961, 30.8729,
31.7942

■ 37.8594, 25.6735,
24.8378

■ 45.7108, 37.3524,
39.8600

■ 35.0497, 21.6639,
18.9386

■ 50.8449, 45.1849,
49.0804

■ 32.9139, 18.7495,
14.0424


■ 56.8401, 54.4436,
59.5003


■ 31.3899, 16.8190,
10.0892


■ 63.7342, 65.1947,
71.1616

■ 30.4029, 15.7368,
7.0109

■ 71.5630, 77.5005,
84.1041

 30.0378, 15.3898,
5.7080

 80.3600, 91.4196,
98.3657

 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



40.0161, 30.8729, 49.2794



41.3961, 30.8729, 31.7942



39.2248, 30.8729, 19.3702

Triad

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



41.3961, 30.8729, 31.7942



23.8211, 30.8729, 13.9590



24.8109, 30.8729, 69.2381

Complementary

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



41.3961, 30.8729, 31.7942



42.7326, 58.5346, 58.9184

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.



21.2793, 30.8729, 53.5432



41.3961, 30.8729, 31.7942



20.7608, 30.8729, 21.6814

Square

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



41.3961, 30.8729, 31.7942



28.7008, 30.8729, 11.3409



19.8922, 30.8729, 35.5047



29.9963, 30.8729, 74.5107

Rectangle

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



41.3961, 30.8729, 31.7942



36.1987, 30.8729, 14.4908



19.8922, 30.8729, 35.5047



23.4140, 30.8729, 64.8055

Sweetspot

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



41.3969, 30.8744, 31.7948



81.7427, 79.1914, 86.5651



41.1694, 29.8975, 70.6190



17.0601, 16.2727, 17.7820



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.



41.3969, 30.8744, 31.7948



53.5723, 36.4270, 35.3205



42.3735, 35.8576, 22.7789



13.2027, 13.1102, 14.3286



17.8509, 9.1414, 3.5948



1.1926, 0.6067, 0.4231

Inverse Universe

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



41.3969, 30.8744, 31.7948



53.5723, 36.4270, 35.3205



40.8133, 49.4621, 74.4141



13.2027, 13.1102, 14.3286



17.8509, 9.1414, 3.5948



1.1926, 0.6067, 0.4231

Previews

White Background



This preview shows how the XYZ color 41.3961, 30.8729, 31.7942 looks on a white background.

Color Contrast Check

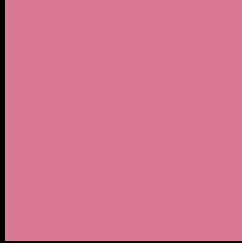
Large Text (above 18pt) WCAG AA × Fail

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 41.3961, 30.8729, 31.7942 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 41.3961, 30.8729, 31.7942

Background



This preview shows how black text looks on a background with the XYZ color 41.3961, 30.8729, 31.7942.



This preview shows how white text looks on a background with the XYZ color 41.3961, 30.8729,

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

41.3961, 30.8729, 31.7942

Protanopia

30.2756, 31.0133, 39.9878

Deuteranopia

31.6751, 31.0064, 30.7009



Tritanopia

40.3547, 31.0142, 26.0497

Trichromacy



Original Color

41.3961, 30.8729, 31.7942

Protanomaly

33.1698, 30.0824, 36.8591

Deuteranomaly

34.5500, 30.5004, 30.8543

Tritanomaly

40.5838, 30.9063, 27.8713

Monochromacy



Original Color

41.3961, 30.8729, 31.7942

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.2423, 30.6312, 33.4385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3961, 30.8729, 31.7942 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(219, 121, 148)` looks like.

```
.text, #text, p{  
    color:rgb(219, 121, 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(219, 121, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 121, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.3961, 30.8729, 31.7942 is called "border". The border property can be set on classes, ids or directly on the HTML element.

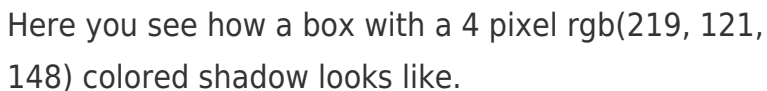
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 121, 148) }
```


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

```
.border{ border-color:rgb(219, 121, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 121, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 121, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 121, 148); box-shadow:4px 4px 4px 4px rgb(219, 121, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3961, 30.8729, 31.7942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 121, 148) }
```

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

```
.background{ background-color: rgb(219,  
121, 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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