

Converting Colors

XYZ(41.1268, 30.1956, 32.3597)

Have a look what the booklet for
XYZ(41.1268, 30.1956, 32.3597)
contains.

XYZ(41.1969, 30.2189, 32.5157)	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(41.1969, 30.2189,
32.5157)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7696
RGB	219, 118, 150
RGB Percent	86%, 46%, 59%
CMY	0.1412, 0.5372, 0.4118
CMYK	0.00, 0.46, 0.32, 0.14
HSL	341°, 58%, 66%
HSV	341°, 46%, 86%
XYZ	41.1969, 30.2189, 32.5157
YIQ	151.8470, 49.9240, 31.3640

Conversions

Conversions Part 2

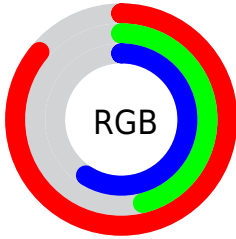
Format	Color
R _Y B	219, 118, 150
Decimal	14382742
CIE Lab	61.84, 42.87, 0.53
CIE LCh	62, 42.870, 0.707
Yxy	30.2189, 0.3964, 0.2908
Android (android.graphics.Color)	4292572822 (0xFFDB7696)
YUV	151.8470, -0.9106, 58.8932
Hunter-Lab	54.9717, 37.5709, 3.4102

Details

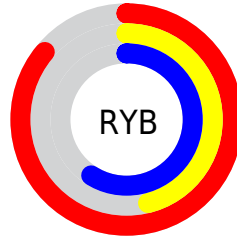
The XYZ color **41.1969, 30.2189, 32.5157** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.7738, 58.1033, 56.0301**, and the grayscale version is **29.7686, 31.3189, 34.1063**.

A 20% lighter version of the original color is **66.8916, 55.1247, 64.2413**, and **18.8983, 12.3743, 13.1968** is the 20% darker color. If you saturate the color by 10%, you get **37.7820, 25.1955, 25.8079**, and if you desaturate by 10%, it is **45.3660, 36.5041, 40.2346**.

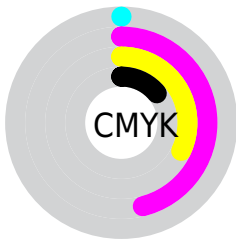
Distribution



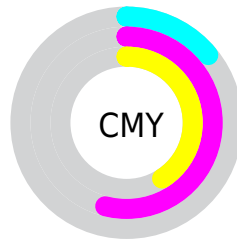
- Red (86%)
- Green (46%)
- Blue (59%)



- Red (86%)
- Yellow (46%)
- Blue (59%)



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (14%)





- Cyan (14%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1969, 30.2189, 32.5157 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 41.1969, 30.2189, 32.5157 by changing the saturation by 10% instead.


 41.1969, 30.2189,
32.5157


 41.1969, 30.2189,
32.5157

342.1914,
302.9235, 328.0266


 28.6613, 20.0048,
21.4876


 76.2555, 60.0082,
64.7259

 18.9678, 12.3985,
13.2862


 99.5093, 80.3522,
86.7452

 11.7508, 7.0157,
7.4929


 127.0665,
104.8415, 113.2653

 6.6452, 3.4719,
3.6891

159.2925,
133.8607, 144.7047

 3.2856, 1.3828,
1.4564

196.5526,
167.7941, 181.4820

 1.3065, 0.2040,
0.1851

239.2122,

 0.1881, 0.0000,

207.0261, 224.0157

0.0000

287.6367,
251.9411, 272.7244

■ 0.0000, 0.0000,
0.0000

■ 41.1969, 30.2189,
32.5157

■ 41.1969, 30.2189,
32.5157

■ 37.7820, 25.1955,
25.8079

■ 45.3660, 36.5041,
40.2346

■ 35.0709, 21.3431,
20.0649

■ 50.3303, 44.1247,
49.0042

■ 33.0109, 18.5658,
15.2392


■ 56.1306, 53.1541,
58.8643


■ 31.5401, 16.7501,
11.2776


■ 62.8042, 63.6589,
69.8516


■ 30.5824, 15.7554,
8.1200

■ 70.3861, 75.7015,
82.0015

 30.2995, 15.4945,
7.0859

 78.9094, 89.3406,
95.3473

 82.9810, 93.7831,
108.1132

 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.



39.4333, 30.2189, 50.8665



41.1969, 30.2189, 32.5157



39.2657, 30.2189, 19.2860

Triad

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



41.1969, 30.2189, 32.5157



23.4591, 30.2189, 12.5578



23.6653, 30.2189, 68.7728

Complementary

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



41.1969, 30.2189, 32.5157



41.7738, 58.1033, 56.0301

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.



20.2583, 30.2189, 51.7728



41.1969, 30.2189, 32.5157



20.1508, 30.2189, 19.7619

Square

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



41.1969, 30.2189, 32.5157



28.5865, 30.2189, 10.3735



19.0602, 30.2189, 33.2939



28.8582, 30.2189, 75.5723

Rectangle

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



41.1969, 30.2189, 32.5157



36.2735, 30.2189, 14.0369



19.0602, 30.2189, 33.2939



22.2991, 30.2189, 63.8339

Sweetspot

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



41.1977, 30.2204, 32.5163



81.0186, 77.8272, 86.0647



39.3540, 28.4288, 70.4312



16.9264, 16.0079, 17.7296



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.



41.1977, 30.2204, 32.5163



53.6160, 35.9740, 37.0012



41.1253, 33.6511, 21.4691



13.2251, 13.1192, 14.4469



18.0102, 9.2051, 4.4335



1.2052, 0.6117, 0.4895

Inverse Universe

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



41.1977, 30.2204, 32.5163



53.6160, 35.9740, 37.0012



41.4182, 51.2864, 74.7344



13.2251, 13.1192, 14.4469



18.0102, 9.2051, 4.4335



1.2052, 0.6117, 0.4895

Previews

White Background



This preview shows how the XYZ color 41.1969, 30.2189, 32.5157 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 41.1969, 30.2189, 32.5157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

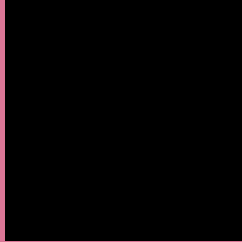
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1969, 30.2189, 32.5157

Background



This preview shows how black text looks on a background with the XYZ color 41.1969, 30.2189, 32.5157.



This preview shows how white text looks on a background with the XYZ color 41.1969, 30.2189,

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

41.1969, 30.2189, 32.5157

Protanopia

29.8480, 30.5251, 41.3646

Deuteranopia

30.9621, 30.4021, 31.0244



Tritanopia

39.6041, 30.2825, 24.8768

Trichromacy



Original Color

41.1969, 30.2189, 32.5157

Protanomaly

32.7551, 29.6344, 37.7118

Deuteranomaly

33.9380, 29.7488, 31.5571

Tritanomaly

40.2662, 30.3863, 27.4098

Monochromacy



Original Color

41.1969, 30.2189, 32.5157

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.8685, 30.2206, 33.3790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1969, 30.2189, 32.5157 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, 118, 150)` looks like.

```
.text, #text, p{  
    color:rgb(219, 118, 150)  
}
```

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, 118, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 118, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.1969, 30.2189, 32.5157 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, 118, 150) }
```


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

```
.border{ border-color:rgb(219, 118, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 118, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 118, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 118, 150);  
box-shadow:4px 4px 4px 4px rgb(219, 118,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1969, 30.2189, 32.5157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 118, 150) }
```

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

```
.background{ background-color: rgb(219,  
118, 150) }
```

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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