

Converting Colors

XYZ(43.6976, 30.1214, 53.3274)

Have a look what the booklet for
XYZ(43.6976, 30.1214, 53.3274)
contains.

XYZ(43.7385, 30.2150, 53.3960)	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(43.7385, 30.2150,
53.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	D871C0
RGB	216, 113, 192
RGB Percent	85%, 44%, 75%
CMY	0.1529, 0.5568, 0.2471
CMYK	0.00, 0.48, 0.11, 0.15
HSL	314°, 57%, 65%
HSV	314°, 48%, 85%
XYZ	43.7385, 30.2150, 53.3960
YIQ	152.8030, 36.0290, 46.4050

Conversions

Conversions Part 2

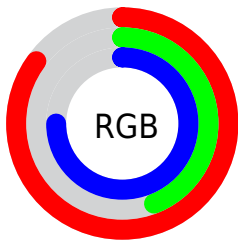
Format	Color
R _Y B	216, 113, 192
Decimal	14184896
CIE Lab	61.84, 50.51, -23.51
CIE LCh	62, 55.712, 335.038
Yxy	30.2150, 0.3435, 0.2373
Android (android.graphics.Color)	4292374976 (0xFFD871C0)
YUV	152.8030, 19.3241, 55.4238
Hunter-Lab	54.9682, 45.8392, -19.1165

Details

The XYZ color **43.7385, 30.2150, 53.3960** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **35.8827, 54.4296, 32.2839**, and the grayscale version is **30.1014, 31.6690, 34.4876**.

A 20% lighter version of the original color is **72.3415, 56.1048, 96.6390**, and **20.5014, 12.4376, 25.3649** is the 20% darker color. If you saturate the color by 10%, you get **41.0612, 25.7372, 49.7990**, and if you desaturate by 10%, it is **47.0102, 35.8500, 57.2858**.

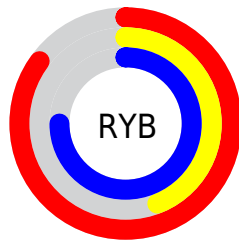
Distribution



Red (85%)

Green (44%)

Blue (75%)



Red (85%)

Yellow (44%)

Blue (75%)

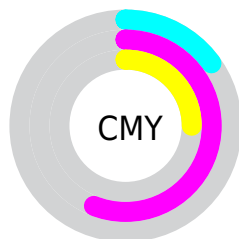


Cyan (0%)

Magenta (48%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (56%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7385, 30.2150, 53.3960 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 43.7385, 30.2150, 53.3960 by changing the saturation by 10% instead.


 43.7385, 30.2150,
53.3960


 43.7385, 30.2150,
53.3960

352.5104,
302.9053, 416.9119


 30.6620, 20.0018,
37.7291


 80.0729, 60.0020,
96.6343

 20.4922, 12.3964,
25.4723


 104.0615, 80.3447,
125.0427

 12.8636, 7.0142,
16.2071


 132.4182,
104.8326, 158.5354

 7.4111, 3.4710,
9.5149

165.5083,
133.8502, 197.5309

 3.7691, 1.3823,
4.9771

203.6973,
167.7819, 242.4478

 1.5723, 0.2036,
2.1753

247.3503,

 0.3743, 0.0000,

207.0120, 293.7046

0.6601

296.8329,
251.9251, 351.7197

■ 0.0000, 0.0000,
0.0000

■ 43.7385, 30.2150,
53.3960

■ 43.7385, 30.2150,
53.3960

■ 41.0612, 25.7372,
49.7990

■ 47.0102, 35.8500,
57.2858

■ 38.9339, 22.3298,
46.4783

■ 50.9109, 42.7126,
61.4800

■ 37.3105, 19.9002,
43.4178


■ 55.4758, 50.8726,
65.9915


■ 36.1358, 18.3384,
40.5981


■ 60.7368, 60.3933,
70.8319


■ 35.3332, 17.4916,
37.9928


■ 66.7234, 71.3337,
76.0119

 35.1717, 17.3401,
37.4100

 73.4638, 83.7496,
81.5416

 77.9766, 91.6781,
86.4283

 78.6827, 91.9605,
90.1463

 79.4092, 92.2511,
93.9722

Harmonies

Analogous

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



37.7396, 30.2150, 79.1394



43.7385, 30.2150, 53.3960



45.4564, 30.2150, 29.4308

Triad

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



43.7385, 30.2150, 53.3960



27.4805, 30.2150, 6.6365



18.5254, 30.2150, 62.4727

Complementary

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



43.7385, 30.2150, 53.3960



35.8827, 54.4296, 32.2839

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.



16.6949, 30.2150, 36.6294



43.7385, 30.2150, 53.3960



21.2632, 30.2150, 9.4629

Square

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



43.7385, 30.2150, 53.3960



35.1889, 30.2150, 7.9802



17.6033, 30.2150, 18.4604



23.0942, 30.2150, 85.7758

Rectangle

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



43.7385, 30.2150, 53.3960



43.7280, 30.2150, 18.4273



17.6033, 30.2150, 18.4604



17.6090, 30.2150, 53.4634

Sweetspot

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



43.7395, 30.2164, 53.3966



83.3892, 78.7754, 98.5480



28.3440, 21.9470, 67.7087



17.5038, 16.2389, 20.7705



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.



43.7395, 30.2164, 53.3966



59.8467, 37.5639, 72.5938



39.1216, 28.3692, 29.0790



12.8235, 12.5809, 15.0107



20.8612, 10.2808, 22.3711



1.2890, 0.6324, 1.5113

Inverse Universe

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



43.7395, 30.2164, 53.3966



59.8467, 37.5639, 72.5938



40.3172, 56.2034, 55.6356



12.8235, 12.5809, 15.0107



20.8612, 10.2808, 22.3711



1.2890, 0.6324, 1.5113

Previews

White Background



This preview shows how the XYZ color 43.7385, 30.2150, 53.3960 looks on a white background.

Color Contrast Check

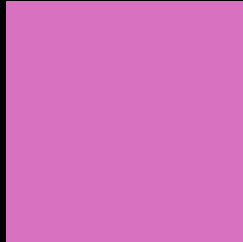
Large Text (above 18pt) WCAG AA × Fail

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 43.7385, 30.2150, 53.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

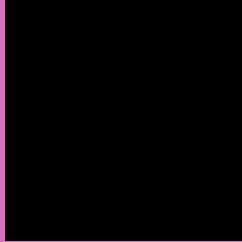
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7385, 30.2150, 53.3960

Background



This preview shows how black text looks on a background with the XYZ color 43.7385, 30.2150, 53.3960.

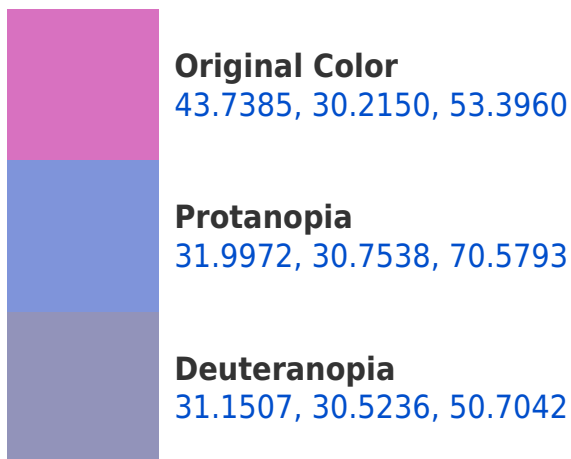


This preview shows how white text looks on a background with the XYZ color 43.7385, 30.2150,

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





Tritanopia

38.2851, 30.1181, 26.7172

Trichromacy



Original Color

43.7385, 30.2150, 53.3960



Protanomaly

34.4707, 29.3023, 64.1607



Deuteranomaly

34.5357, 29.6167, 51.4733



Tritanomaly

39.9895, 30.0721, 35.1493

Monochromacy



Original Color

43.7385, 30.2150, 53.3960



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

33.9680, 30.1971, 40.5975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7385, 30.2150, 53.3960 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, 113, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 113, 192)  
}
```

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, 113, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 113, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.7385, 30.2150, 53.3960 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, 113, 192) }
```


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

```
.border{ border-color:rgb(216, 113, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 113, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 113, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 113, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 113,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7385, 30.2150, 53.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 113, 192) }
```

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

```
.background{ background-color: rgb(216,  
113, 192) }
```

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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