

Converting Colors

XYZ(44.1072, 31.2787, 52.4222)

Have a look what the booklet for
XYZ(44.1072, 31.2787, 52.4222)
contains.

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Color

**XYZ(44.0916, 31.2735,
52.4277)**

Conversions

Conversions Part 1

Format	Color
Hex	D876BE
RGB	216, 118, 190
RGB Percent	85%, 46%, 75%
CMY	0.1529, 0.5372, 0.2549
CMYK	0.00, 0.45, 0.12, 0.15
HSL	316°, 56%, 65%
HSV	316°, 45%, 85%
XYZ	44.0916, 31.2735, 52.4277
YIQ	155.5100, 35.2960, 43.1680

Conversions

Conversions Part 2

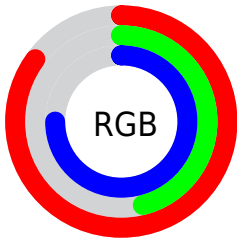
Format	Color
R _Y B	216, 118, 190
Decimal	14186174
CIE Lab	62.74, 47.67, -21.00
CIE LCh	63, 52.092, 336.222
Yxy	31.2735, 0.3450, 0.2447
Android (android.graphics.Color)	4292376254 (0xFFD876BE)
YUV	155.5100, 17.0036, 53.0497
Hunter-Lab	55.9227, 42.8715, -16.4386

Details

The XYZ color **44.0916, 31.2735, 52.4277** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.0625, 54.9779, 35.0462**, and the grayscale version is **31.2986, 32.9286, 35.8593**.

A 20% lighter version of the original color is **72.8181, 57.8010, 94.5075**, and **20.6323, 12.9291, 24.7007** is the 20% darker color. If you saturate the color by 10%, you get **41.2192, 26.5110, 48.4404**, and if you desaturate by 10%, it is **47.5730, 37.2135, 56.7401**.

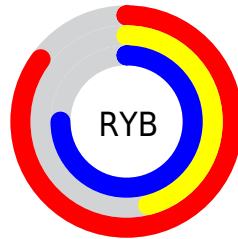
Distribution



Red (85%)

Green (46%)

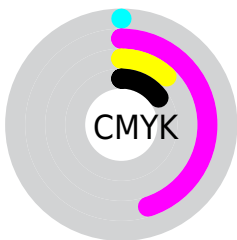
Blue (75%)



Red (85%)

Yellow (46%)

Blue (75%)

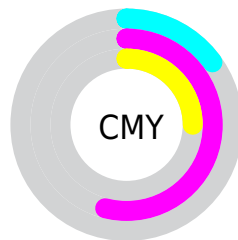


Cyan (0%)

Magenta (45%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (54%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0916, 31.2735, 52.4277 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 44.0916, 31.2735, 52.4277 by changing the saturation by 10% instead.


 44.0916, 31.2735,
52.4277

 44.0916, 31.2735,
52.4277


353.9278,
307.7964, 413.0894


 30.9407, 20.8072,
36.9615


 80.6011, 61.6704,
95.1947

 20.7053, 12.9831,
24.8821


 104.6904, 82.3698,
123.3326

 13.0200, 7.4169,
15.7710


 133.1565,
107.2490, 156.5315

 7.5194, 3.7242,
9.2097

166.3649,
136.6925, 195.2098

 3.8382, 1.5205,
4.7795

204.6809,
171.0846, 239.7863

 1.6110, 0.3031,
2.0620

248.4698,

 0.3996, 0.0000,

210.8096, 290.6793

0.5930

298.0970,
256.2521, 348.3075

■ 0.0000, 0.0000,
0.0000

■ 44.0916, 31.2735,
52.4277

■ 44.0916, 31.2735,
52.4277

■ 41.2192, 26.5110,
48.4404

■ 47.5730, 37.2135,
56.7401

■ 38.9122, 22.8409,
44.7615

■ 51.6971, 44.3996,
61.3893

■ 37.1259, 20.1737,
41.3749


■ 56.4988, 52.9004,
66.3886


■ 35.8073, 18.4038,
38.2615


■ 62.0093, 62.7782,
71.7497


■ 34.8913, 17.4017,
35.3983


■ 68.2580, 74.0913,
77.4837

 34.5504, 17.0916,
34.1387

 75.2726, 86.8947,
83.6011

 78.3786, 91.8388,
88.5450

 79.1974, 92.1664,
92.8571

 80.0430, 92.5046,
97.3099

Harmonies

Analogous

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



38.5683, 31.2735, 76.4743



44.0916, 31.2735, 52.4277



45.5129, 31.2735, 29.9773

Triad

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



44.0916, 31.2735, 52.4277



28.2656, 31.2735, 8.0581



19.9934, 31.2735, 62.8642

Complementary

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



44.0916, 31.2735, 52.4277



37.0625, 54.9779, 35.0462

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.



18.0885, 31.2735, 38.4792



44.0916, 31.2735, 52.4277



22.3479, 31.2735, 11.2075

Square

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



44.0916, 31.2735, 52.4277



35.5917, 31.2735, 9.3018



18.8761, 31.2735, 20.5658



24.5404, 31.2735, 83.9941

Rectangle

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



44.0916, 31.2735, 52.4277



43.7715, 31.2735, 19.5020



18.8761, 31.2735, 20.5658



19.0590, 31.2735, 54.4743

Sweetspot

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



44.0926, 31.2750, 52.4283



83.2120, 78.7046, 97.6152



30.1159, 23.7116, 67.9559



17.4604, 16.2215, 20.5418



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.



44.0926, 31.2750, 52.4283



60.3522, 39.1390, 71.0231



39.7187, 29.5254, 29.3957



12.8058, 12.5738, 14.9177



20.4969, 10.1351, 20.4526



1.2697, 0.6247, 1.4094

Inverse Universe

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



44.0926, 31.2750, 52.4283



60.3522, 39.1390, 71.0231



41.4874, 56.7479, 58.3472



12.8058, 12.5738, 14.9177



20.4969, 10.1351, 20.4526



1.2697, 0.6247, 1.4094

Previews

White Background



This preview shows how the XYZ color 44.0916, 31.2735, 52.4277 looks on a white background.

Color Contrast Check

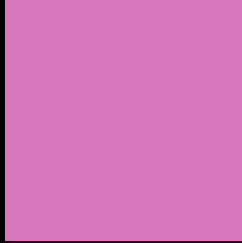
Large Text (above 18pt) WCAG AA × Fail

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 44.0916, 31.2735, 52.4277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

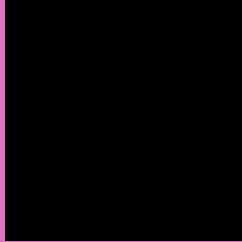
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0916, 31.2735, 52.4277

Background



This preview shows how black text looks on a background with the XYZ color 44.0916, 31.2735, 52.4277.



This preview shows how white text looks on a background with the XYZ color 44.0916, 31.2735,

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

44.0916, 31.2735, 52.4277

Protanopia

32.7168, 31.6543, 68.0039

Deuteranopia

32.2669, 31.5770, 50.2933



Tritanopia

39.0160, 31.2371, 28.0178

Trichromacy



Original Color

44.0916, 31.2735, 52.4277



Protanomaly

35.2122, 30.3713, 61.7640



Deuteranomaly

35.7373, 30.8788, 51.0903



Tritanomaly

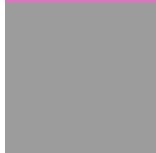
40.5708, 31.0986, 35.7626

Monochromacy



Original Color

44.0916, 31.2735, 52.4277



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

35.1010, 31.6381, 41.3025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0916, 31.2735, 52.4277 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, 118, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 118, 190)  
}
```

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, 118, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 118, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.0916, 31.2735, 52.4277 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, 118, 190) }
```


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

```
.border{ border-color:rgb(216, 118, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 118, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 118, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 118, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 118,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0916, 31.2735, 52.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 118, 190) }
```

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

```
.background{ background-color: rgb(216,  
118, 190) }
```

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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