

Converting Colors

XYZ(44.3407, 30.9386, 67.4384)

Have a look what the booklet for
XYZ(44.3407, 30.9386, 67.4384)
contains.

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Color

**XYZ(44.2310, 30.8430,
67.2404)**

Conversions

Conversions Part 1

Format	Color
Hex	CF75D6
RGB	207, 117, 214
RGB Percent	81%, 46%, 84%
CMY	0.1882, 0.5412, 0.1608
CMYK	0.03, 0.45, 0.00, 0.16
HSL	296°, 54%, 65%
HSV	296°, 45%, 84%
XYZ	44.2310, 30.8430, 67.2404
YIQ	154.9680, 22.5030, 49.2470

Conversions

Conversions Part 2

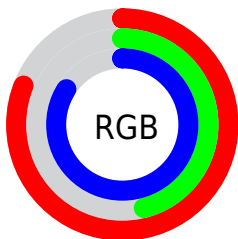
Format	Color
R _Y B	207, 117, 214
Decimal	13596118
CIE Lab	62.37, 49.64, -35.19
CIE LCh	62, 60.848, 324.671
Yxy	30.8430, 0.3108, 0.2167
Android (android.graphics.Color)	4291786198 (0xFFCF75D6)
YUV	154.9680, 29.1028, 45.6321
Hunter-Lab	55.5365, 44.9742, -32.9094

Details

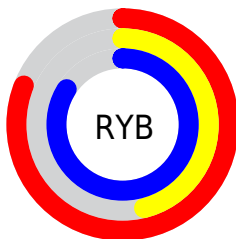
The XYZ color **44.2310, 30.8430, 67.2404** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **35.5706, 53.6633, 25.3143**, and the grayscale version is **31.0110, 32.6260, 35.5297**.

A 20% lighter version of the original color is **73.8529, 57.6058, 101.8343**, and **20.8539, 12.7493, 34.1626** is the 20% darker color. If you saturate the color by 10%, you get **41.5877, 26.1931, 66.4826**, and if you desaturate by 10%, it is **47.4505, 36.6375, 68.1896**.

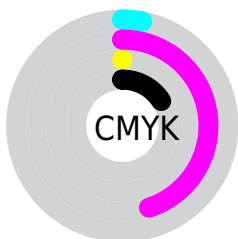
Distribution



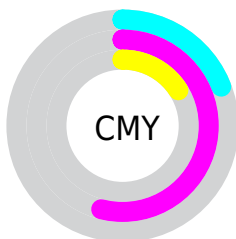
- Red (81%)
- Green (46%)
- Blue (84%)



- Red (81%)
- Yellow (46%)
- Blue (84%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (16%)





- Cyan (19%)
- Magenta (54%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2310, 30.8430, 67.2404 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 44.2310, 30.8430, 67.2404 by changing the saturation by 10% instead.


 44.2310, 30.8430,
67.2404

 44.2310, 30.8430,
67.2404


354.4864,
305.8144, 469.3248

 31.0508, 20.4793,
48.8172


 80.8094, 60.9928,
116.9087

 20.7896, 12.7439,
34.1099

 104.9384, 81.5477,
148.9909

 13.0819, 7.2525,
22.7000


 133.4477,
106.2685, 186.4632

 7.5623, 3.6205,
14.1689

166.7027,
135.5396, 229.7441

 3.8656, 1.4636,
8.0982

205.0687,
169.7453, 279.2522

 1.6264, 0.2629,
4.0692

248.9111,

 0.4095, 0.0000,

209.2701, 335.4060

1.6634

298.5952,
254.4983, 398.6240

■ 0.0000, 0.0000,
0.3354

■ 0.0000, 0.0000,
0.0000

■ 44.2310, 30.8430,
67.2404

■ 44.2310, 30.8430,
67.2404

■ 41.5877, 26.1931,
66.4826

■ 47.4505, 36.6375,
68.1896

■ 39.4782, 22.6051,
65.9013


■ 51.2786, 43.6439,
69.3402

■ 37.8589, 19.9916,
65.4822


■ 55.7493, 51.9289,
70.7038


■ 36.6786, 18.2495,
65.2081


■ 60.8928, 61.5534,
72.2904


 35.8739, 17.2528,
65.0581


 66.7376, 72.5742,
74.1096

 35.5739, 16.9369,
65.0130

 73.3106, 85.0449,
76.1702

 76.7546, 91.2514,
77.1867

 77.2181, 91.4903,
77.2084

 77.6859, 91.7314,
77.2302

Harmonies

Analogous

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



36.4370, 30.8430, 93.9776



44.2310, 30.8430, 67.2404



48.0851, 30.8430, 37.9745

Triad

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



44.2310, 30.8430, 67.2404



30.8112, 30.8430, 5.6379



17.1482, 30.8430, 56.3016

Complementary

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



44.2310, 30.8430, 67.2404



35.5706, 53.6633, 25.3143

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.



16.2027, 30.8430, 29.5434



44.2310, 30.8430, 67.2404



23.1879, 30.8430, 6.9257

Square

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



44.2310, 30.8430, 67.2404



39.4626, 30.8430, 8.5028



18.1979, 30.8430, 13.5871



21.0762, 30.8430, 85.8571

Rectangle

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



44.2310, 30.8430, 67.2404



47.4647, 30.8430, 23.3532



18.1979, 30.8430, 13.5871



16.5063, 30.8430, 46.4332

Sweetspot

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



44.2321, 30.8444, 67.2411



83.7584, 78.8144, 105.4059



26.8191, 23.3267, 66.7078



17.5942, 16.2482, 22.4588



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.



44.2321, 30.8444, 67.2411



62.1247, 39.4365, 98.9454



41.6932, 30.0598, 43.4376



12.8605, 12.5850, 15.6888



21.5398, 10.2567, 39.2976



1.3262, 0.6326, 2.3715

Inverse Universe

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



37.7319, 28.4752, 22.5776



51.4825, 35.5911, 24.3159



37.5052, 54.3244, 40.5954



12.4593, 12.4352, 13.0927



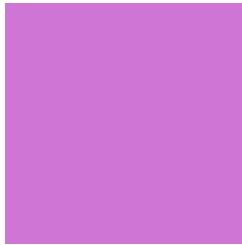
16.8303, 8.6684, 1.1446



1.0281, 0.5280, 0.1376

Previews

White Background



This preview shows how the XYZ color 44.2310, 30.8430, 67.2404 looks on a white background.

Color Contrast Check

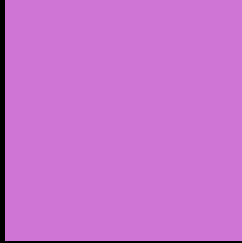
Large Text (above 18pt) WCAG AA × Fail

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 44.2310, 30.8430, 67.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

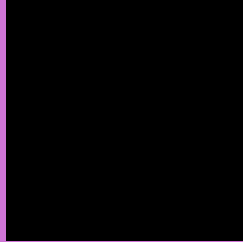
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2310, 30.8430, 67.2404

Background



This preview shows how black text looks on a background with the XYZ color 44.2310, 30.8430, 67.2404.



This preview shows how white text looks on a background with the XYZ color 44.2310, 30.8430,

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

44.2310, 30.8430, 67.2404

Protanopia

33.5205, 31.1841, 86.6905

Deuteranopia

31.8055, 31.0355, 63.9886



Tritanopia

36.6342, 30.7640, 29.9938

Trichromacy



Original Color

44.2310, 30.8430, 67.2404



Protanomaly

35.7639, 30.0504, 79.5167



Deuteranomaly

35.0757, 30.0180, 64.9181



Tritanomaly

38.8382, 30.4608, 41.3686

Monochromacy



Original Color

44.2310, 30.8430, 67.2404



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

34.8169, 31.1830, 45.2582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2310, 30.8430, 67.2404 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(207, 117, 214)` looks like.

```
.text, #text, p{  
    color:rgb(207, 117, 214)  
}
```

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(207, 117, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 117, 214) }
```

Border

The CSS property to change the border of an element to XYZ 44.2310, 30.8430, 67.2404 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(207, 117, 214) }
```


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

```
.border{ border-color:rgb(207, 117, 214) }
```

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

Here you see how a box with a 4 pixel rgb(207, 117, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 117, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 117, 214);  
box-shadow:4px 4px 4px 4px rgb(207, 117,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2310, 30.8430, 67.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 117, 214) }
```

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

```
.background{ background-color: rgb(207,  
117, 214) }
```

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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