

Converting Colors

XYZ(44.2212, 26.9760, 65.4384)

Have a look what the booklet for
XYZ(44.2212, 26.9760, 65.4384)
contains.

XYZ(44.2400, 26.9874, 65.1647)	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(44.2400, 26.9874,
65.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	D95BD4
RGB	217, 91, 212
RGB Percent	85%, 36%, 83%
CMY	0.1490, 0.6431, 0.1686
CMYK	0.00, 0.58, 0.02, 0.15
HSL	302°, 62%, 60%
HSV	302°, 58%, 85%
XYZ	44.2400, 26.9874, 65.1647
YIQ	142.4680, 36.2550, 64.3430

Conversions

Conversions Part 2

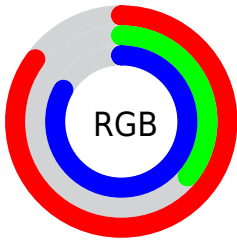
Format	Color
R _Y B	217, 91, 212
Decimal	14244820
CIE Lab	58.96, 64.38, -39.30
CIE LCh	59, 75.424, 328.598
Yxy	26.9874, 0.3244, 0.1979
Android (android.graphics.Color)	4292434900 (0xFFD95BD4)
YUV	142.4680, 34.2793, 65.3646
Hunter-Lab	51.9494, 61.0988, -38.0081

Details

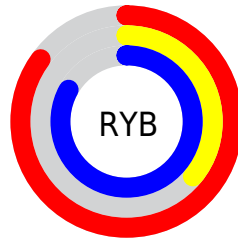
The XYZ color **44.2400, 26.9874, 65.1647** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **31.2398, 52.6954, 19.5927**, and the grayscale version is **25.7560, 27.0973, 29.5090**.

A 20% lighter version of the original color is **69.7237, 49.3474, 100.4579**, and **20.7991, 10.6358, 32.8550** is the 20% darker color. If you saturate the color by 10%, you get **42.5380, 23.7560, 64.0629**, and if you desaturate by 10%, it is **46.4807, 31.2938, 66.4493**.

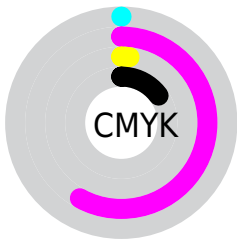
Distribution



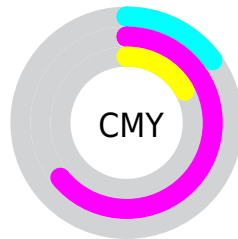
- Red (85%)
- Green (36%)
- Blue (83%)



- Red (85%)
- Yellow (36%)
- Blue (83%)



- Cyan (0%)
- Magenta (58%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2400, 26.9874, 65.1647 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 44.2400, 26.9874, 65.1647 by changing the saturation by 10% instead.

44.2400, 26.9874,
65.1647

44.2400, 26.9874,
65.1647

354.5225,
287.5961, 461.7060

31.0580, 17.5638,
47.1424

80.8229, 54.8636,
113.9022

20.7950, 10.6372,
32.7931

104.9544, 74.0850,
145.4544

13.0859, 5.8235,
21.6982

133.4665, 97.3412,
182.3538

7.5651, 2.7380,
13.4391

166.7245,
125.0164, 225.0188

3.8674, 0.9965,
7.5973

205.0937,
157.4951, 273.8680

1.6274, 0.0000,
3.7543

248.9395,

0.4102, 0.0000,

195.1617, 329.3199

1.4916

298.6273,
238.4005, 391.7931

■ 0.0000, 0.0000,
0.2116

■ 0.0000, 0.0000,
0.0000

■ 44.2400, 26.9874,
65.1647

■ 44.2400, 26.9874,
65.1647

■ 42.5380, 23.7560,
64.0629

■ 46.4807, 31.2938,
66.4493

■ 41.3241, 21.5007,
63.1265


■ 49.2993, 36.7556,
67.9292


■ 40.5432, 20.1106,
62.3373


■ 52.7344, 43.4496,
69.6175


■ 40.1149, 19.4246,
61.6685


■ 56.8207, 51.4451,
71.5257


 40.0486, 19.3251,
61.5448

 61.5902, 60.8062,
73.6645

 67.0730, 71.5927,
76.0440

 73.2971, 83.8610,
78.6734

 77.1474, 91.3806,
80.5145

 77.2610, 91.4261,
81.1129

Harmonies

Analogous

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



35.2453, 26.9874, 101.6470



44.2400, 26.9874, 65.1647



48.1244, 26.9874, 30.6612

Triad

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



44.2400, 26.9874, 65.1647



26.0926, 26.9874, 2.1247



12.8910, 26.9874, 61.5278

Complementary

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



44.2400, 26.9874, 65.1647



31.2398, 52.6954, 19.5927

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.



11.5579, 26.9874, 28.1441



44.2400, 26.9874, 65.1647



17.9775, 26.9874, 3.4072

Square

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



44.2400, 26.9874, 65.1647



36.1943, 26.9874, 3.7153



13.1708, 26.9874, 9.9047



17.3837, 26.9874, 98.7957

Rectangle

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



44.2400, 26.9874, 65.1647



46.7196, 26.9874, 15.8419



13.1708, 26.9874, 9.9047



12.1148, 26.9874, 49.0347

Sweetspot

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



44.2410, 26.9886, 65.1653



82.4703, 75.2818, 103.3463



21.0069, 14.9370, 67.4224



17.3759, 15.5722, 21.9941



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.



44.2410, 26.9886, 65.1653



60.7892, 33.2701, 91.9560



37.8465, 24.4308, 31.4923



13.5909, 13.2655, 16.3729



24.2527, 11.7021, 37.3064



1.5783, 0.7610, 2.4543

Inverse Universe

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



44.2410, 26.9886, 65.1653



60.7892, 33.2701, 91.9560



35.3173, 54.3264, 41.0643



13.5909, 13.2655, 16.3729



24.2527, 11.7021, 37.3064



1.5783, 0.7610, 2.4543

Previews

White Background



This preview shows how the XYZ color 44.2400, 26.9874, 65.1647 looks on a white background.

Color Contrast Check

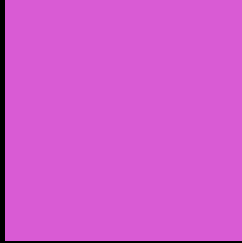
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.2400, 26.9874, 65.1647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

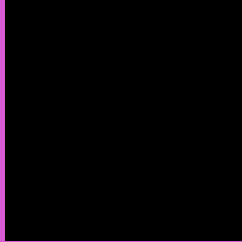
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.2400, 26.9874, 65.1647

Background



This preview shows how black text looks on a background with the XYZ color 44.2400, 26.9874, 65.1647.



This preview shows how white text looks on a background with the XYZ color 44.2400, 26.9874,

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

44.2400, 26.9874, 65.1647

Protanopia

31.1465, 27.6957, 97.4701

Deuteranopia

28.0317, 27.3313, 60.9248



Tritanopia

35.4380, 26.9569, 22.0743

Trichromacy



Original Color

44.2400, 26.9874, 65.1647



Protanomaly

32.5312, 25.3020, 84.8305



Deuteranomaly

31.8630, 25.6395, 62.3010



Tritanomaly

37.9344, 26.5235, 34.1305

Monochromacy



Original Color

44.2400, 26.9874, 65.1647



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

30.4202, 25.3910, 39.8568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2400, 26.9874, 65.1647 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(217, 91, 212)` looks like.

```
.text, #text, p{  
    color:rgb(217, 91, 212)  
}
```

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(217, 91, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 91, 212) }
```

Border

The CSS property to change the border of an element to XYZ 44.2400, 26.9874, 65.1647 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(217, 91, 212) }
```


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

```
.border{ border-color:rgb(217, 91, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 91, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 91, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 91, 212);  
box-shadow:4px 4px 4px 4px rgb(217, 91,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2400, 26.9874, 65.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 91, 212) }
```

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

```
.background{ background-color: rgb(217, 91,  
212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor