

Converting Colors

XYZ(45.5434, 25.3403, 82.7265)

Have a look what the booklet for
XYZ(45.5434, 25.3403, 82.7265)
contains.

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Color

**XYZ(45.4664, 25.3081,
82.6094)**

Conversions

Conversions Part 1

Format	Color
Hex	D64AED
RGB	214, 74, 237
RGB Percent	84%, 29%, 93%
CMY	0.1608, 0.7098, 0.0706
CMYK	0.10, 0.69, 0.00, 0.07
HSL	292°, 82%, 61%
HSV	292°, 69%, 93%
XYZ	45.4664, 25.3081, 82.6094
YIQ	134.4420, 31.1170, 80.3730

Conversions

Conversions Part 2

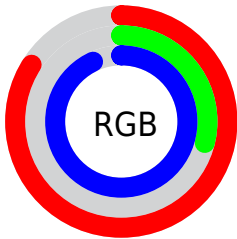
Format	Color
RYB	214, 74, 237
Decimal	14043885
CIELab	57.37, 74.77, -55.90
CIELCh	57, 93.359, 323.215
Yxy	25.3081, 0.2964, 0.1650
Android (android.graphics.Color)	4292233965 (0xFFD64AED)
YUV	134.4420, 50.5611, 69.7724
Hunter-Lab	50.3072, 73.2865, -62.1451

Details

The XYZ color **45.4664, 25.3081, 82.6094** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **36.4507, 63.6048, 16.8353**, and the grayscale version is **22.6354, 23.8142, 25.9337**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **21.7558, 10.2638, 44.0145** is the 20% darker color. If you saturate the color by 10%, you get **43.2059, 22.2203, 82.1329**, and if you desaturate by 10%, it is **48.3446, 29.5996, 83.2864**.

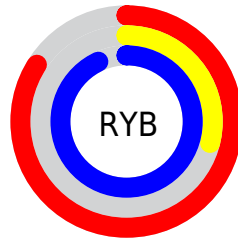
Distribution



Red (84%)

Green (29%)

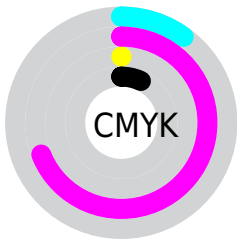
Blue (93%)



Red (84%)

Yellow (29%)

Blue (93%)

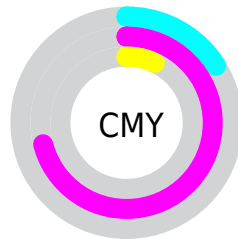


Cyan (10%)

Magenta (69%)

Yellow (0%)

Black (7%)



Cyan (16%)


Magenta (71%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4664, 25.3081, 82.6094 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 45.4664, 25.3081, 82.6094 by changing the saturation by 10% instead.

 45.4664, 25.3081,
82.6094

 45.4664, 25.3081,
82.6094


359.4112,
279.3688, 523.6207


 32.0278, 16.3067,
61.3292

 82.6526, 52.1566,
138.8726

 21.5384, 9.7415,
44.0586


 107.1309, 70.7726,
174.6927


 13.6328, 5.2279,
30.3791


 136.0199, 93.3622,
216.1966

 7.9457, 2.3816,
19.8720

 169.6848,
120.3098, 263.8027

 4.1117, 0.8164,
12.1189

 208.4910,
151.9999, 317.9296

 1.7655, 0.0000,
6.7012

252.8039,

 0.4968, 0.0000,

188.8169, 378.9959

3.2003

302.9889,
231.1450, 447.4201

■ 0.0000, 0.0000,
1.1978

■ 0.0000, 0.0000,
0.0000

■ 45.4664, 25.3081,
82.6094

■ 45.4664, 25.3081,
82.6094

■ 43.2059, 22.2203,
82.1329

■ 48.3446, 29.5996,
83.2864

■ 41.4890, 20.1910,
81.8317


■ 51.8974, 35.2115,
84.1824

■ 40.2113, 19.0106,
81.6712


■ 56.1788, 42.2503,
85.3154


■ 40.0675, 18.8897,
81.6555


■ 61.2360, 50.8106,
86.7011

 67.1125, 60.9790,
88.3541

 73.8482, 72.8354,
90.2876

 81.4808, 86.4544,
92.5141

 87.2380, 96.2921,
94.1095

 88.3886, 96.8852,
94.1633

Harmonies

Analogous

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



33.4666, 25.3081, 130.2464



45.4664, 25.3081, 82.6094



52.0136, 25.3081, 35.4101

Triad

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



45.4664, 25.3081, 82.6094



26.6599, 25.3081, 0.4346



9.3082, 25.3081, 59.2786

Complementary

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



45.4664, 25.3081, 82.6094



36.4507, 63.6048, 16.8353

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.



8.4963, 25.3081, 20.9591



45.4664, 25.3081, 82.6094



16.5968, 25.3081, 0.9174

Square

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



45.4664, 25.3081, 82.6094



39.1980, 25.3081, 1.8848



10.7095, 25.3081, 4.7901



13.4207, 25.3081, 110.9840

Rectangle

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



45.4664, 25.3081, 82.6094



51.3228, 25.3081, 15.8299



10.7095, 25.3081, 4.7901



8.7054, 25.3081, 43.9885

Sweetspot

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



45.4674, 25.3092, 82.6099



77.5563, 69.0584, 103.8497



22.5209, 16.3912, 82.0980



16.1809, 14.0540, 22.1098



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.



45.4674, 25.3092, 82.6099



50.0205, 25.0028, 96.7974



45.6077, 26.1962, 45.8071



15.4937, 15.1998, 19.0395



21.9601, 10.3568, 44.5846



1.7818, 0.8428, 3.5036

Inverse Universe

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



39.5322, 23.7660, 13.8139



43.3264, 23.4972, 8.5924



37.2092, 63.6649, 31.8193



15.1520, 15.0887, 16.0859



19.2492, 9.9024, 1.8477



1.5387, 0.7884, 0.2881

Previews

White Background



This preview shows how the XYZ color 45.4664, 25.3081, 82.6094 looks on a white background.

Color Contrast Check

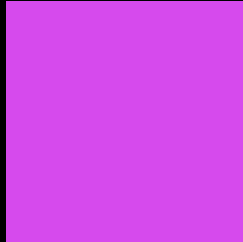
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4664, 25.3081, 82.6094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

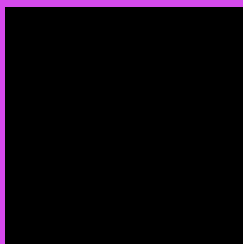
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.4664, 25.3081, 82.6094

Background



This preview shows how black text looks on a background with the XYZ color 45.4664, 25.3081, 82.6094.



This preview shows how white text looks on a background with the XYZ color 45.4664, 25.3081,

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

45.4664, 25.3081, 82.6094

Protanopia

29.3991, 25.7260, 98.0239

Deuteranopia

26.5274, 25.7952, 75.5323



Tritanopia

32.7375, 25.0865, 20.8860

Trichromacy



Original Color

45.4664, 25.3081, 82.6094



Protanomaly

31.1949, 22.7256, 91.5493



Deuteranomaly

29.7737, 22.7999, 77.6945



Tritanomaly

35.8804, 24.2171, 37.4336

Monochromacy



Original Color

45.4664, 25.3081, 82.6094



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

28.2491, 22.3151, 41.3464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4664, 25.3081, 82.6094 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(214, 74, 237)` looks like.

```
.text, #text, p{  
    color:rgb(214, 74, 237)  
}
```

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(214, 74, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 74, 237) }
```

Border

The CSS property to change the border of an element to XYZ 45.4664, 25.3081, 82.6094 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(214, 74, 237) }
```


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

```
.border{ border-color:rgb(214, 74, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 74, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 74, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 74, 237);  
box-shadow:4px 4px 4px 4px rgb(214, 74,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4664, 25.3081, 82.6094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 74, 237) }
```

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

```
.background{ background-color: rgb(214, 74,  
237) }
```

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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