

Converting Colors

XYZ(50.3074, 32.1827, 79.1625)

Have a look what the booklet for
XYZ(50.3074, 32.1827, 79.1625)
contains.

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Color

**XYZ(50.2178, 32.1826,
79.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6CE7
RGB	223, 108, 231
RGB Percent	87%, 42%, 91%
CMY	0.1255, 0.5765, 0.0941
CMYK	0.03, 0.53, 0.00, 0.09
HSL	296°, 72%, 66%
HSV	296°, 53%, 91%
XYZ	50.2178, 32.1826, 79.1664
YIQ	156.4070, 29.0570, 62.6330

Conversions

Conversions Part 2

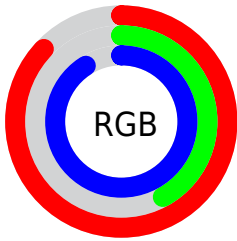
Format	Color
R _Y B	223, 108, 231
Decimal	14642407
CIE Lab	63.49, 61.57, -42.78
CIE LCh	63, 74.974, 325.204
Yxy	32.1826, 0.3108, 0.1992
Android (android.graphics.Color)	4292832487 (0xFFDF6CE7)
YUV	156.4070, 36.7743, 58.4021
Hunter-Lab	56.7297, 58.7333, -43.0285

Details

The XYZ color **50.2178, 32.1826, 79.1664** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **38.4861, 61.9483, 24.1176**, and the grayscale version is **31.6145, 33.2609, 36.2212**.

A 20% lighter version of the original color is **72.5655, 55.0309, 101.4052**, and **24.4387, 13.4621, 41.8678** is the 20% darker color. If you saturate the color by 10%, you get **47.6360, 27.7023, 78.4382**, and if you desaturate by 10%, it is **53.4513, 37.9584, 80.1113**.

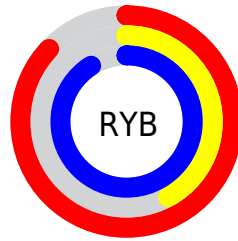
Distribution



Red (87%)

Green (42%)

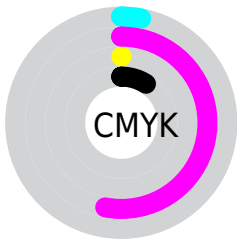
Blue (91%)



Red (87%)

Yellow (42%)

Blue (91%)

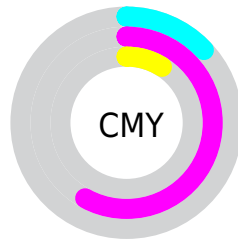


Cyan (3%)

Magenta (53%)

Yellow (0%)

Black (9%)



Cyan (13%)


Magenta (58%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2178, 32.1826, 79.1664 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 50.2178, 32.1826, 79.1664 by changing the saturation by 10% instead.

 50.2178, 32.1826,
79.1664


 50.2178, 32.1826,
79.1664


377.9550,
311.9502, 511.7516


 35.8050, 21.5010,
58.5105

 89.6874, 63.0972,
133.9939

 24.4530, 13.4907,
41.8018


 115.4749, 84.0991,
169.0025

 15.7966, 7.7673,
28.6217


 145.7846,
109.3098, 209.6326

 9.4703, 3.9464,
18.5517

 180.9820,
139.1138, 256.3024

 5.1087, 1.6436,
11.1733

221.4324,
173.8954, 309.4307

 2.3466, 0.3868,
6.0679

267.5011,

 0.8184, 0.0000,

214.0391, 369.4360

2.8169

319.5535,
259.9292, 436.7368

■ 0.0000, 0.0000,
1.0019

■ 0.0000, 0.0000,
0.0000

■ 50.2178, 32.1826,
79.1664

■ 50.2178, 32.1826,
79.1664

■ 47.6360, 27.7023,
78.4382

■ 53.4513, 37.9584,
80.1113

■ 45.6503, 24.4088,
77.9071


■ 57.3794, 45.1184,
81.2863


■ 44.2014, 22.1831,
77.5539


■ 62.0456, 53.7483,
82.7061


■ 43.2165, 20.8791,
77.3541


■ 67.4888, 63.9260,
84.3837


 42.7362, 20.3651,
77.2802

 73.7449, 75.7235,
86.3311

 80.8479, 89.2085,
88.5596

 83.9575, 94.7005,
89.4558

 84.4515, 94.9551,
89.4789

 84.9497, 95.2120,
89.5022

Harmonies

Analogous

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



39.9608, 32.1826, 117.0728



50.2178, 32.1826, 79.1664



55.2775, 32.1826, 40.0721

Triad

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



50.2178, 32.1826, 79.1664



32.2981, 32.1826, 3.2984



15.7804, 32.1826, 65.6776

Complementary

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



50.2178, 32.1826, 79.1664



38.4861, 61.9483, 24.1176

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.



14.6254, 32.1826, 30.4504



50.2178, 32.1826, 79.1664



22.8099, 32.1826, 4.5144

Square

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



50.2178, 32.1826, 79.1664



43.5371, 32.1826, 5.8551



16.8850, 32.1826, 11.4037



20.5015, 32.1826, 106.6541

Rectangle

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



50.2178, 32.1826, 79.1664



54.3443, 32.1826, 22.0200



16.8850, 32.1826, 11.4037



15.0156, 32.1826, 52.3901

Sweetspot

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



50.2190, 32.1840, 79.1671



82.4178, 76.1747, 104.9670



26.8779, 21.4961, 78.3343



17.3342, 15.7306, 22.3726



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.



50.2190, 32.1840, 79.1671



59.3023, 34.1420, 98.0722



46.3243, 30.9177, 45.4892



14.8977, 14.5650, 18.1705



23.9996, 11.4381, 43.3260



1.8016, 0.8597, 3.2030

Inverse Universe

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



41.4709, 28.9763, 19.9315



47.4687, 29.8472, 15.9374



41.2209, 62.9246, 43.8317



14.4148, 14.3831, 15.1188



18.5390, 9.5498, 1.2016



1.3834, 0.7111, 0.1596

Previews

White Background



This preview shows how the XYZ color 50.2178, 32.1826, 79.1664 looks on a white background.

Color Contrast Check

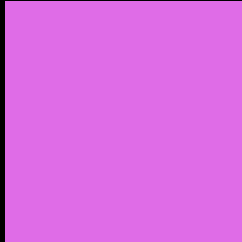
Large Text (above 18pt) WCAG AA × Fail

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 50.2178, 32.1826, 79.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

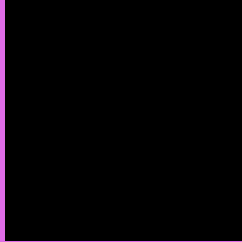
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2178, 32.1826, 79.1664

Background



This preview shows how black text looks on a background with the XYZ color 50.2178, 32.1826, 79.1664.



This preview shows how white text looks on a background with the XYZ color 50.2178, 32.1826,

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

50.2178, 32.1826, 79.1664

Protanopia

35.6722, 32.7327, 99.0457

Deuteranopia

33.3147, 32.5458, 74.3381



Tritanopia

40.0754, 32.1527, 29.2932

Trichromacy



Original Color

50.2178, 32.1826, 79.1664



Protanomaly

38.2474, 30.6572, 91.0903



Deuteranomaly

37.3711, 30.9594, 75.9576



Tritanomaly

43.0418, 31.8208, 43.9179

Monochromacy



Original Color

50.2178, 32.1826, 79.1664



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

36.6023, 31.5874, 48.9676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2178, 32.1826, 79.1664 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(223, 108, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 108, 231)  
}
```

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(223, 108, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 108, 231) }
```

Border

The CSS property to change the border of an element to XYZ 50.2178, 32.1826, 79.1664 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(223, 108, 231) }
```


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

```
.border{ border-color:rgb(223, 108, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 108, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 108, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 108, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 108,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2178, 32.1826, 79.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 108, 231) }
```

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

```
.background{ background-color: rgb(223,  
108, 231) }
```

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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