

Converting Colors

XYZ(50.0897, 26.2029, 44.2068)

Have a look what the booklet for
XYZ(50.0897, 26.2029, 44.2068)
contains.

XYZ(50.0397, 26.1621, 44.0074)	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(50.0397, 26.1621,
44.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2BB1
RGB	255, 43, 177
RGB Percent	100%, 17%, 69%
CMY	0.0000, 0.8313, 0.3059
CMYK	0.00, 0.83, 0.31, 0.00
HSL	322°, 100%, 58%
HSV	322°, 83%, 100%
XYZ	50.0397, 26.1621, 44.0074
YIQ	121.6640, 83.3380, 86.6180

Conversions

Conversions Part 2

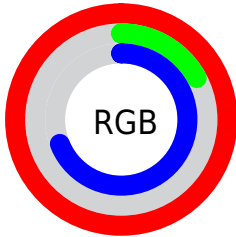
Format	Color
RYB	255, 43, 177
Decimal	16722865
CIELab	58.19, 83.95, -19.96
CIElCh	58, 86.287, 346.627
Yxy	26.1621, 0.4163, 0.2176
Android (android.graphics.Color)	4294912945 (0xFFFF2BB1)
YUV	121.6640, 27.2806, 116.9357
Hunter-Lab	51.1489, 85.1185, -15.2076

Details

The XYZ color **50.0397, 26.1621, 44.0074** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **40.2094, 73.4149, 30.1464**, and the grayscale version is **18.2874, 19.2398, 20.9521**.

A 20% lighter version of the original color is **62.0787, 39.4047, 81.4247**, and **25.6304, 12.7927, 20.1871** is the 20% darker color. If you saturate the color by 10%, you get **48.4809, 24.4901, 39.0311**, and if you desaturate by 10%, it is **52.2424, 29.0188, 49.5160**.

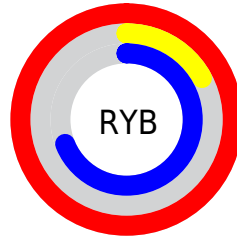
Distribution



Red (100%)

Green (17%)

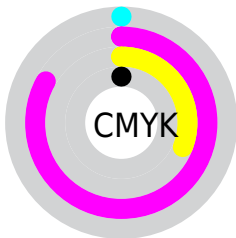
Blue (69%)



Red (100%)

Yellow (17%)

Blue (69%)

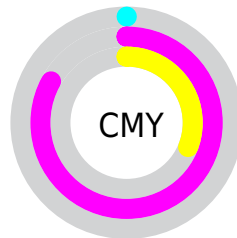


Cyan (0%)

Magenta (83%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (83%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0397, 26.1621, 44.0074 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 50.0397, 26.1621, 44.0074 by changing the saturation by 10% instead.


 50.0397, 26.1621,
44.0074


 50.0397, 26.1621,
44.0074


377.2706,
283.5769, 378.7807


 35.6629, 16.9449,
30.3391

 89.4252, 53.5363,
82.5315


 24.3428, 10.1952,
19.8419


 115.1645, 72.4622,
108.2243


 15.7142, 5.5286,
12.0972


 145.4221, 95.3931,
138.7624

 9.4117, 2.5606,
6.6866

 180.5632,
122.7134, 174.5643

 5.0700, 0.9069,
3.1914

 220.9533,
154.8076, 216.0486

 2.3235, 0.0000,
1.1932

266.9576,

 0.8067, 0.0000,

192.0600, 263.6337

0.0000

318.9416,
234.8549, 317.7382

■ 0.0000, 0.0000,
0.0000

■ 50.0397, 26.1621,
44.0074

■ 50.0397, 26.1621,
44.0074

■ 48.4809, 24.4901,
39.0311

■ 52.2424, 29.0188,
49.5160

■ 47.6881, 23.8393,
35.8855

■ 55.1816, 33.2437,
55.5934

■ 58.9362, 38.9925,
62.2720

■ 63.5740, 46.3989,
69.5803

■ 69.1552, 55.5817,
77.5439

75.7348, 66.6487,
86.1868

83.3632, 79.6992,
95.5311

92.0874, 94.8255,
105.5978

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



42.5552, 26.1621, 89.2462



50.0397, 26.1621, 44.0074



49.5696, 26.1621, 14.9699

Triad

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



50.0397, 26.1621, 44.0074



19.5399, 26.1621, 1.2599



13.4463, 26.1621, 94.2951

Complementary

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



50.0397, 26.1621, 44.0074



40.2094, 73.4149, 30.1464

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.



10.1360, 26.1621, 48.3702



50.0397, 26.1621, 44.0074



12.9169, 26.1621, 4.4050

Square

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



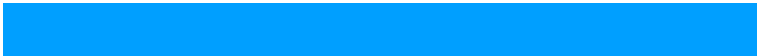
50.0397, 26.1621, 44.0074



29.8184, 26.1621, 1.1568



9.9743, 26.1621, 17.1251



20.4953, 26.1621, 129.4281

Rectangle

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



50.0397, 26.1621, 44.0074



44.7708, 26.1621, 6.0780



9.9743, 26.1621, 17.1251



11.9579, 26.1621, 78.5766

Sweetspot

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



50.0404, 26.1635, 44.0078



74.4260, 64.4310, 84.5176



26.7641, 12.9957, 95.7055



15.4249, 12.9388, 17.4332



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.



50.0404, 26.1635, 44.0078



47.6881, 23.8393, 35.8855



43.2510, 23.4477, 8.2553



18.4925, 18.1803, 21.2106



24.9925, 12.4863, 19.1430



2.4861, 1.2368, 2.1414

Inverse Universe

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



50.0404, 26.1635, 44.0078



47.6881, 23.8393, 35.8855



50.5858, 77.5655, 84.7876



18.4925, 18.1803, 21.2106



24.9925, 12.4863, 19.1430



2.4861, 1.2368, 2.1414

Previews

White Background



This preview shows how the XYZ color 50.0397, 26.1621, 44.0074 looks on a white background.

Color Contrast Check

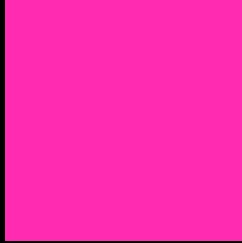
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0397, 26.1621, 44.0074 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 50.0397, 26.1621, 44.0074

Background



This preview shows how black text looks on a background with the XYZ color 50.0397, 26.1621, 44.0074.



This preview shows how white text looks on a background with the XYZ color 50.0397, 26.1621,

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

50.0397, 26.1621, 44.0074

Protanopia

29.6375, 26.6895, 88.3835

Deuteranopia

26.8131, 26.3072, 39.7410



Tritanopia

42.9971, 26.0298, 10.9417

Trichromacy



Original Color

50.0397, 26.1621, 44.0074



Protanomaly

30.5853, 21.4904, 69.5539



Deuteranomaly

31.3974, 22.5479, 40.7276



Tritanomaly

44.8848, 25.5742, 19.4002

Monochromacy



Original Color

50.0397, 26.1621, 44.0074



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

25.3744, 18.3277, 27.7914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0397, 26.1621, 44.0074 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(255, 43, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 177)  
}
```

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(255, 43, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 177) }
```

Border

The CSS property to change the border of an element to XYZ 50.0397, 26.1621, 44.0074 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(255, 43, 177) }
```


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

```
.border{ border-color:rgb(255, 43, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 43, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 43, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 43, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 43,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0397, 26.1621, 44.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 43, 177) }
```

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

```
.background{ background-color: rgb(255, 43,  
177) }
```

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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