

Converting Colors

XYZ(42.6616, 22.5640, 22.8757)

Have a look what the booklet for
XYZ(42.6616, 22.5640, 22.8757)
contains.

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Color

**XYZ(42.6616, 22.5640,
22.8757)**

Conversions

Conversions Part 1

Format	Color
Hex	F62681
RGB	246, 38, 129
RGB Percent	96%, 15%, 51%
CMY	0.0353, 0.8509, 0.4941
CMYK	0.00, 0.85, 0.48, 0.04
HSL	334°, 92%, 56%
HSV	334°, 85%, 96%
XYZ	42.6616, 22.5640, 22.8757
YIQ	110.5660, 94.7570, 72.3970

Conversions

Conversions Part 2

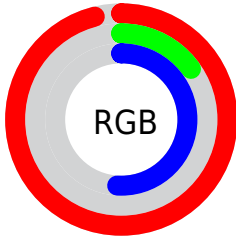
Format	Color
R_{YB}	246, 38, 129
Decimal	16131713
CIE _{Lab}	54.62, 78.43, 2.86
CIE _{LCh}	55, 78.481, 2.091
Yxy	22.5640, 0.4842, 0.2561
Android (android.graphics.Color)	4294321793 (0xFFFF62681)
YUV	110.5660, 9.0880, 118.7756
Hunter-Lab	47.5016, 77.1847, 4.6984

Details

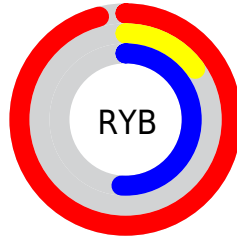
The XYZ color **42.6616, 22.5640, 22.8757** is a dark color, and the websafe version is hex **FF3399**, and the color name is **electric pink**. The color can be described as middle washed rose. A complement of this color would be **39.6738, 68.6911, 42.1867**, and the grayscale version is **14.9421, 15.7203, 17.1194**.

A 20% lighter version of the original color is **55.2594, 35.7893, 48.2515**, and **20.9764, 10.6465, 8.5388** is the 20% darker color. If you saturate the color by 10%, you get **41.2591, 21.1330, 18.1730**, and if you desaturate by 10%, it is **44.7083, 25.0842, 28.4082**.

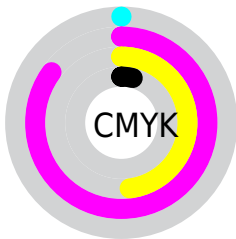
Distribution



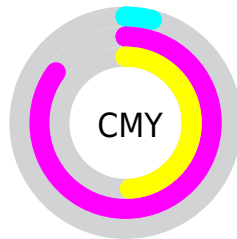
- Red (96%)
- Green (15%)
- Blue (51%)



- Red (96%)
- Yellow (15%)
- Blue (51%)



- Cyan (0%)
- Magenta (85%)
- Yellow (48%)
- Black (4%)





- Cyan (4%)
- Magenta (85%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6616, 22.5640, 22.8757 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 42.6616, 22.5640, 22.8757 by changing the saturation by 10% instead.

 42.6616, 22.5640,
22.8757


 42.6616, 22.5640,
22.8757

348.1634,
265.4776, 280.1871


 29.8131, 14.2719,
14.2973


 78.4589, 47.6764,
49.1098


 19.8441, 8.3100,
8.1866


 102.1383, 65.2655,
67.6025

 12.3894, 4.2940,
4.1251

 130.1587, 86.7224,
90.2371

 7.0835, 1.8393,
1.6942

 162.8855,
112.4315, 117.4321

 3.5612, 0.5115,
0.3568

 200.6840,
142.7772, 149.6061

 1.4570, 0.0000,
0.0000

243.9196,

 0.2963, 0.0000,

178.1438, 187.1776

0.0000

292.9576,
218.9158, 230.5651

■ 0.0000, 0.0000,
0.0000

■ 42.6616, 22.5640,
22.8757

■ 42.6616, 22.5640,
22.8757

■ 41.2591, 21.1330,
18.1730

■ 44.7083, 25.0842,
28.4082

■ 40.6921, 20.6673,
15.9238

■ 47.4904, 28.8683,
34.8235

■ 51.0850, 34.0634,
42.1695

■ 55.5585, 40.7954,
50.4891

■ 60.9699, 49.1758,
59.8221

67.3728, 59.3060,
70.2056

74.8169, 71.2788,
81.6743

83.3481, 85.1807,
94.2615

91.5833, 98.2397,
107.5233

Harmonies

Analogous

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



39.6987, 22.5640, 54.1891



42.6616, 22.5640, 22.8757



38.7934, 22.5640, 6.9856

Triad

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



42.6616, 22.5640, 22.8757



13.7857, 22.5640, 2.2978



14.5812, 22.5640, 95.0029

Complementary

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



42.6616, 22.5640, 22.8757



39.6738, 68.6911, 42.1867

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.



10.2390, 22.5640, 59.4362



42.6616, 22.5640, 22.8757



9.8737, 22.5640, 8.3656

Square

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



42.6616, 22.5640, 22.8757



20.8469, 22.5640, 1.1072



8.7735, 22.5640, 26.3425



22.0573, 22.5640, 109.1910

Rectangle

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



42.6616, 22.5640, 22.8757



33.3382, 22.5640, 2.9162



8.7735, 22.5640, 26.3425



12.7836, 22.5640, 84.3440

Sweetspot

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



42.6622, 22.5653, 22.8761



72.7296, 63.7524, 75.5848



30.3539, 14.7563, 88.4370



15.0209, 12.7772, 15.3054



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.



42.6622, 22.5653, 22.8761



44.1396, 22.4198, 17.1990



39.4303, 21.8812, 3.9807



16.8002, 16.6029, 18.6945



21.7876, 11.0585, 8.8557



1.9656, 0.9922, 1.0452

Inverse Universe

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



42.6622, 22.5653, 22.8761



44.1396, 22.4198, 17.1990



47.3152, 66.8275, 97.5938



16.8002, 16.6029, 18.6945



21.7876, 11.0585, 8.8557



1.9656, 0.9922, 1.0452

Previews

White Background



This preview shows how the XYZ color 42.6616, 22.5640, 22.8757 looks on a white background.

Color Contrast Check

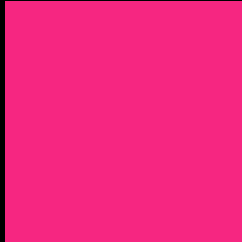
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6616, 22.5640, 22.8757 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 42.6616, 22.5640, 22.8757

Background



This preview shows how black text looks on a background with the XYZ color 42.6616, 22.5640, 22.8757.



This preview shows how white text looks on a background with the XYZ color 42.6616, 22.5640,

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

42.6616, 22.5640, 22.8757

Protanopia

23.4233, 22.9736, 46.3798

Deuteranopia

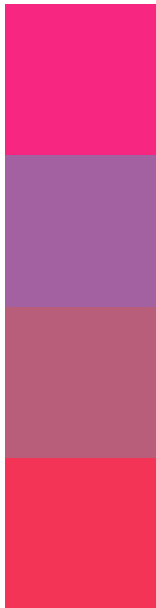
23.0034, 22.5495, 20.5928



Tritanopia

39.4475, 22.6342, 6.8472

Trichromacy



Original Color

42.6616, 22.5640, 22.8757

Protanomaly

25.8120, 18.9091, 36.0076

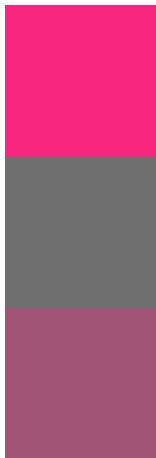
Deuteranomaly

27.3450, 19.6258, 21.0858

Tritanomaly

40.2159, 22.3610, 11.0006

Monochromacy



Original Color

42.6616, 22.5640, 22.8757

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

20.9375, 15.1222, 18.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6616, 22.5640, 22.8757 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(246, 38, 129)` looks like.

```
.text, #text, p{  
    color:rgb(246, 38, 129)  
}
```

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(246, 38, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 38, 129) }
```

Border

The CSS property to change the border of an element to XYZ 42.6616, 22.5640, 22.8757 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(246, 38, 129) }
```


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

```
.border{ border-color:rgb(246, 38, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 38, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 38, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 38, 129);  
box-shadow:4px 4px 4px 4px rgb(246, 38,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6616, 22.5640, 22.8757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 38, 129) }
```

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

```
.background{ background-color: rgb(246, 38,  
129) }
```

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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