

Converting Colors

XYZ(42.7073, 22.5353, 15.5967)

Have a look what the booklet for
XYZ(42.7073, 22.5353, 15.5967)
contains.

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Color

**XYZ(42.5180, 22.4316,
15.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	FA2169
RGB	250, 33, 105
RGB Percent	98%, 13%, 41%
CMY	0.0196, 0.8705, 0.5882
CMYK	0.00, 0.87, 0.58, 0.02
HSL	340°, 96%, 55%
HSV	340°, 87%, 98%
XYZ	42.5180, 22.4316, 15.4534
YIQ	106.0910, 106.2200, 68.3960

Conversions

Conversions Part 2

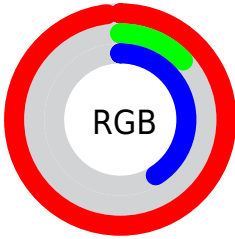
Format	Color
R_{YB}	250, 33, 105
Decimal	16392553
CIE _{Lab}	54.48, 78.60, 17.20
CIE _{LCh}	54, 80.455, 12.342
Yxy	22.4316, 0.5288, 0.2790
Android (android.graphics.Color)	4294582633 (0xFFFA2169)
YUV	106.0910, -0.5379, 126.2082
Hunter-Lab	47.3620, 77.3602, 13.8081

Details

The XYZ color **42.5180, 22.4316, 15.4534** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **42.8518, 71.9100, 53.7538**, and the grayscale version is **13.7090, 14.4229, 15.7065**.

A 20% lighter version of the original color is **52.4984, 34.1757, 35.2821**, and **21.0391, 10.7549, 5.1047** is the 20% darker color. If you saturate the color by 10%, you get **41.2849, 21.2076, 11.2139**, and if you desaturate by 10%, it is **44.4332, 24.7505, 20.7528**.

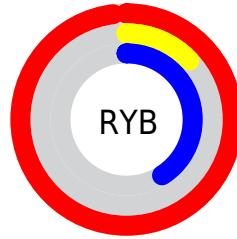
Distribution



Red (98%)

Green (13%)

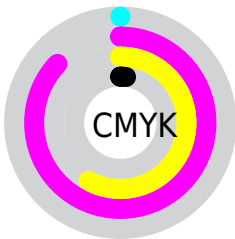
Blue (41%)



Red (98%)

Yellow (13%)

Blue (41%)

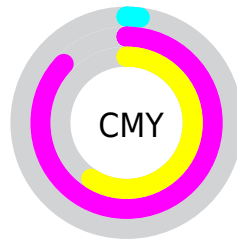


Cyan (0%)

Magenta (87%)

Yellow (58%)

Black (2%)



Cyan (2%)


Magenta (87%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5180, 22.4316, 15.4534 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 42.5180, 22.4316, 15.4534 by changing the saturation by 10% instead.


 42.5180, 22.4316,
15.4534


 42.5180, 22.4316,
15.4534


347.5810,
264.7920, 237.8289


 29.7000, 14.1744,
8.9881


 78.2433, 47.4583,
36.4001

 19.7579, 8.2420,
4.6367


 101.8812, 64.9966,
51.7186

 12.3264, 4.2502,
1.9807

 129.8565, 86.3973,
70.8252

 7.0402, 1.8145,
0.5434

 162.5346,
112.0449, 94.1384

 3.5338, 0.4962,
0.0000

 200.2807,
142.3238, 122.0769

 1.4419, 0.0000,
0.0000

243.4602,

 0.2858, 0.0000,

177.6184, 155.0591

0.0000

292.4385,
218.3129, 193.5036

■ 0.0000, 0.0000,
0.0000

■ 42.5180, 22.4316,
15.4534

■ 42.5180, 22.4316,
15.4534

■ 41.2849, 21.2076,
11.2139

■ 44.4332, 24.7505,
20.7528


■ 40.9828, 20.9474,
10.0527


■ 47.1369, 28.3613,
27.1922


■ 50.7160, 33.4250,
34.8424


■ 55.2450, 40.0778,
43.7673

■ 60.7902, 48.4402,
54.0258

 67.4115, 58.6207,
65.6728

 75.1641, 70.7190,
78.7599

 84.0993, 84.8275,
93.3358

 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



41.8770, 22.4316, 42.2928



42.5180, 22.4316, 15.4534



36.4514, 22.4316, 4.1543

Triad

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



42.5180, 22.4316, 15.4534



11.8255, 22.4316, 3.2521



16.5841, 22.4316, 105.9451

Complementary

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



42.5180, 22.4316, 15.4534



42.8518, 71.9100, 53.7538

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.



11.0912, 22.4316, 73.8360



42.5180, 22.4316, 15.4534



8.9104, 22.4316, 12.4662

Square

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



42.5180, 22.4316, 15.4534



17.9011, 22.4316, 1.0765



8.6850, 22.4316, 36.3296



25.1499, 22.4316, 109.0731

Rectangle

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



42.5180, 22.4316, 15.4534



30.1897, 22.4316, 1.7279



8.6850, 22.4316, 36.3296



14.3846, 22.4316, 97.5148

Sweetspot

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



42.5186, 22.4330, 15.4537



71.0926, 62.2140, 69.6880



36.0854, 17.4178, 91.9021



14.6679, 12.4671, 13.9674



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.



42.5186, 22.4330, 15.4537



42.8634, 21.9094, 10.4788



41.8387, 24.7132, 4.0057



17.4821, 17.3202, 19.1283



21.7979, 11.1349, 5.6440



2.0658, 1.0500, 0.7698

Inverse Universe

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



42.5186, 22.4330, 15.4537



42.8634, 21.9094, 10.4788



41.8886, 55.2366, 98.8960



17.4821, 17.3202, 19.1283



21.7979, 11.1349, 5.6440



2.0658, 1.0500, 0.7698

Previews

White Background



This preview shows how the XYZ color 42.5180, 22.4316, 15.4534 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 42.5180, 22.4316, 15.4534 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 42.5180, 22.4316, 15.4534

Background



This preview shows how black text looks on a background with the XYZ color 42.5180, 22.4316, 15.4534.



This preview shows how white text looks on a background with the XYZ color 42.5180, 22.4316,

15.4534.

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

42.5180, 22.4316, 15.4534

Protanopia

22.3095, 22.7244, 31.6442

Deuteranopia

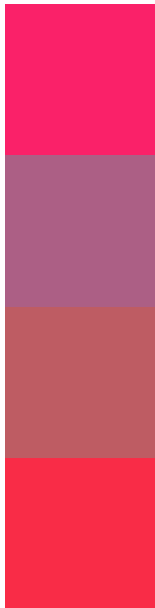
22.9167, 22.4620, 13.9542



Tritanopia

40.4495, 22.4767, 5.3385

Trichromacy



Original Color

42.5180, 22.4316, 15.4534

Protanomaly

25.3391, 18.6485, 24.4543

Deuteranomaly

27.3145, 19.5023, 14.1291

Tritanomaly

41.1049, 22.3960, 8.1176

Monochromacy



Original Color

42.5180, 22.4316, 15.4534

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

19.4981, 13.9017, 15.2913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5180, 22.4316, 15.4534 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(250, 33, 105)` looks like.

```
.text, #text, p{  
  color:rgb(250, 33, 105)  
}
```

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(250, 33, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 33, 105) }
```

Border

The CSS property to change the border of an element to XYZ 42.5180, 22.4316, 15.4534 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(250, 33, 105) }
```


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

```
.border{ border-color:rgb(250, 33, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 33, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 33, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 33, 105);  
box-shadow:4px 4px 4px 4px rgb(250, 33,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5180, 22.4316, 15.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 33, 105) }
```

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

```
.background{ background-color: rgb(250, 33,  
105) }
```

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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