

Converting Colors

XYZ(52.5150, 30.4425, 74.3423)

Have a look what the booklet for XYZ(52.5150, 30.4425, 74.3423) contains.

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Color

**XYZ(52.5150, 30.4425,
74.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	EF56E1
RGB	239, 86, 225
RGB Percent	94%, 34%, 88%
CMY	0.0627, 0.6627, 0.1176
CMYK	0.00, 0.64, 0.06, 0.06
HSL	305°, 83%, 64%
HSV	305°, 64%, 94%
XYZ	52.5150, 30.4425, 74.3423
YIQ	147.5930, 46.5690, 75.6650

Conversions

Conversions Part 2

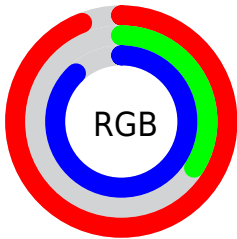
Format	Color
R _{YB}	239, 86, 225
Decimal	15685345
CIE Lab	62.03, 73.93, -41.57
CIE LCh	62, 84.816, 330.651
Yxy	30.4425, 0.3339, 0.1935
Android (android.graphics.Color)	4293875425 (0xFFEF56E1)
YUV	147.5930, 38.1617, 80.1639
Hunter-Lab	55.1747, 73.3396, -41.2649

Details

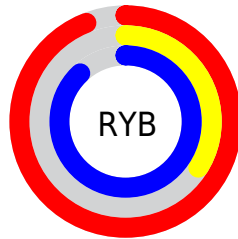
The XYZ color **52.5150, 30.4425, 74.3423** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **37.0059, 64.6328, 22.5835**, and the grayscale version is **27.8133, 29.2618, 31.8661**.

A 20% lighter version of the original color is **69.4154, 48.7308, 100.3551**, and **25.7627, 12.4700, 38.5852** is the 20% darker color. If you saturate the color by 10%, you get **50.6196, 27.1255, 72.2480**, and if you desaturate by 10%, it is **55.0540, 35.0392, 76.6705**.

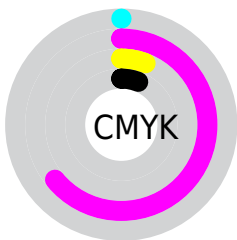
Distribution



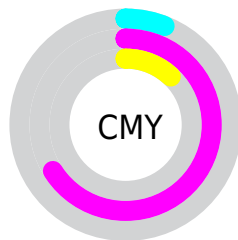
- Red (94%)
- Green (34%)
- Blue (88%)



- Red (94%)
- Yellow (34%)
- Blue (88%)



- Cyan (0%)
- Magenta (64%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (66%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5150, 30.4425, 74.3423 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 52.5150, 30.4425, 74.3423 by changing the saturation by 10% instead.


 52.5150, 30.4425,
74.3423


 52.5150, 30.4425,
74.3423

386.7130,
303.9616, 494.8489


 37.6417, 20.1747,
54.5758

 93.0601, 60.3613,
127.1194


 25.8806, 12.5221,
38.6659


 119.4625, 80.7810,
160.9671

 16.8666, 7.1003,
26.1941


 150.4386,
105.3536, 200.3456

 10.2341, 3.5249,
16.7418

 186.3539,
134.4632, 245.6734

 5.6179, 1.4115,
9.8906

227.5736,
168.4945, 297.3691

 2.6526, 0.2252,
5.2218

274.4631,

 0.9728, 0.0000,

207.8317, 355.8512

2.3170

327.3878,
252.8593, 421.5383

■ 0.0000, 0.0000,
0.7407

■ 0.0000, 0.0000,
0.0000

■ 52.5150, 30.4425,
74.3423

■ 52.5150, 30.4425,
74.3423

■ 50.6196, 27.1255,
72.2480

■ 55.0540, 35.0392,
76.6705

■ 49.2982, 24.9510,
70.3635


■ 58.2908, 41.0260,
79.2500


■ 48.4707, 23.7583,
68.6624


■ 62.2774, 48.5063,
82.0984


■ 48.1383, 23.3675,
67.7074


■ 67.0600, 57.5724,
85.2312

 72.6811, 68.3093,
88.6627

 79.1801, 80.7958,
92.4059

 86.5940, 95.1059,
96.4735

 87.4590, 96.3117,
98.3773

 87.7904, 96.4443,
100.1227

Harmonies

Analogous

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



41.5899, 30.4425, 121.6109



52.5150, 30.4425, 74.3423



56.8047, 30.4425, 32.4391

Triad

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



52.5150, 30.4425, 74.3423



28.6865, 30.4425, 1.6740



13.8937, 30.4425, 76.4775

Complementary

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



52.5150, 30.4425, 74.3423



37.0059, 64.6328, 22.5835

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.



12.1023, 30.4425, 33.8645



52.5150, 30.4425, 74.3423



19.1486, 30.4425, 3.1776

Square

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



52.5150, 30.4425, 74.3423



41.0434, 30.4425, 3.0306



13.7416, 30.4425, 10.9375



19.4778, 30.4425, 123.3141

Rectangle

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



52.5150, 30.4425, 74.3423



54.6301, 30.4425, 15.5891



13.7416, 30.4425, 10.9375



12.9053, 30.4425, 60.5353

Sweetspot

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



52.5161, 30.4439, 74.3429



80.7882, 72.6056, 100.6650



24.0276, 15.5277, 83.3932



16.9011, 14.7946, 21.3055



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.



52.5161, 30.4439, 74.3429



58.0767, 30.4683, 82.9650



44.4107, 27.2018, 31.6605



16.3882, 16.0050, 19.6007



26.6279, 12.9236, 37.5526



2.2333, 1.0824, 3.2193

Inverse Universe

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



52.5161, 30.4439, 74.3429



58.0767, 30.4683, 82.9650



42.4681, 66.8177, 51.3470



16.3882, 16.0050, 19.6007



26.6279, 12.9236, 37.5526



2.2333, 1.0824, 3.2193

Previews

White Background



This preview shows how the XYZ color 52.5150, 30.4425, 74.3423 looks on a white background.

Color Contrast Check

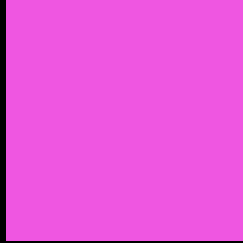
Large Text (above 18pt) WCAG AA × Fail

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 52.5150, 30.4425, 74.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

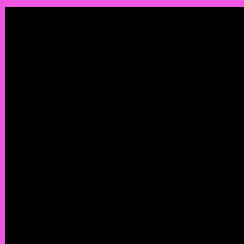
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5150, 30.4425, 74.3423

Background



This preview shows how black text looks on a background with the XYZ color 52.5150, 30.4425, 74.3423.



This preview shows how white text looks on a background with the XYZ color 52.5150, 30.4425,

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

52.5150, 30.4425, 74.3423

Protanopia

34.0772, 30.9710, 98.7897

Deuteranopia

31.4706, 30.7612, 68.5688



Tritanopia

41.7637, 30.2107, 22.6988

Trichromacy



Original Color

52.5150, 30.4425, 74.3423



Protanomaly

36.6116, 27.8743, 89.0386



Deuteranomaly

35.9729, 28.1432, 70.5540



Tritanomaly

44.6620, 29.6296, 37.0834

Monochromacy



Original Color

52.5150, 30.4425, 74.3423



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

34.2261, 27.6256, 44.6027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5150, 30.4425, 74.3423 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(239, 86, 225)` looks like.

```
.text, #text, p{  
    color:rgb(239, 86, 225)  
}
```

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(239, 86, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 86, 225) }
```

Border

The CSS property to change the border of an element to XYZ 52.5150, 30.4425, 74.3423 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(239, 86, 225) }
```


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

```
.border{ border-color:rgb(239, 86, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 86, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 86, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 86, 225);  
box-shadow:4px 4px 4px 4px rgb(239, 86,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5150, 30.4425, 74.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 86, 225) }
```

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

```
.background{ background-color: rgb(239, 86,  
225) }
```

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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