

Converting Colors

XYZ(53.1245, 32.5356, 62.7025)

Have a look what the booklet for
XYZ(53.1245, 32.5356, 62.7025)
contains.

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Color

**XYZ(52.9384, 32.4735,
62.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	F462CF
RGB	244, 98, 207
RGB Percent	96%, 38%, 81%
CMY	0.0431, 0.6157, 0.1882
CMYK	0.00, 0.60, 0.15, 0.04
HSL	315°, 87%, 67%
HSV	315°, 60%, 96%
XYZ	52.9384, 32.4735, 62.5093
YIQ	154.0800, 52.0270, 64.8510

Conversions

Conversions Part 2

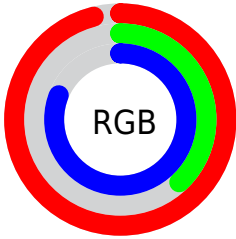
Format	Color
R _{YB}	244, 98, 207
Decimal	16016079
CIE Lab	63.73, 67.71, -28.75
CIE LCh	64, 73.563, 336.991
Yxy	32.4735, 0.3579, 0.2195
Android (android.graphics.Color)	4294206159 (0xFFFF462CF)
YUV	154.0800, 26.0896, 78.8598
Hunter-Lab	56.9855, 66.0982, -25.1473

Details

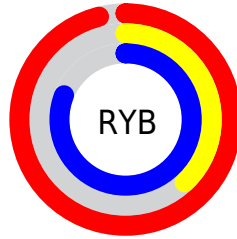
The XYZ color **52.9384, 32.4735, 62.5093** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **41.7625, 69.0484, 34.0512**, and the grayscale version is **30.6248, 32.2197, 35.0873**.

A 20% lighter version of the original color is **71.1785, 52.2569, 100.9428**, and **26.0067, 13.6014, 30.9604** is the 20% darker color. If you saturate the color by 10%, you get **50.2522, 28.2870, 57.9567**, and if you desaturate by 10%, it is **56.3519, 38.0661, 67.4510**.

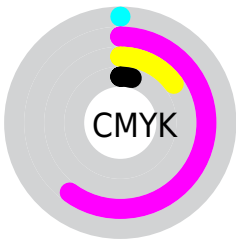
Distribution



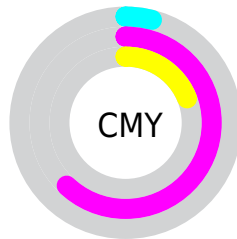
- Red (96%)
- Green (38%)
- Blue (81%)



- Red (96%)
- Yellow (38%)
- Blue (81%)



- Cyan (0%)
- Magenta (60%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9384, 32.4735, 62.5093 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 52.9384, 32.4735, 62.5093 by changing the saturation by 10% instead.


 52.9384, 32.4735,
62.5093


 52.9384, 32.4735,
62.5093

388.3135,
313.2706, 451.8453


 37.9809, 21.7234,
45.0059


 93.6798, 63.5527,
110.0400


 26.1450, 13.6538,
31.1191


 120.1943, 84.6505,
140.9044

 17.0654, 7.8803,
20.4303


 151.2920,
109.9664, 177.0595

 10.3767, 4.0184,
12.5211

 187.3380,
139.8848, 218.9239

 5.7136, 1.6839,
6.9728

228.6978,
174.7900, 266.9162

 2.7107, 0.4132,
3.3669

275.7368,

 1.0027, 0.0000,

215.0664, 321.4548

1.2849

328.8202,
261.0985, 382.9583

■ 0.0000, 0.0000,
0.0494

■ 0.0000, 0.0000,
0.0000

■ 52.9384, 32.4735,
62.5093

■ 52.9384, 32.4735,
62.5093

■ 50.2522, 28.2870,
57.9567

■ 56.3519, 38.0661,
67.4510

■ 48.2244, 25.3708,
53.7676


■ 60.5471, 45.1749,
72.8008


■ 46.7776, 23.5705,
49.9151


■ 65.5768, 53.9041,
78.5781


■ 45.7838, 22.6304,
46.3547


■ 71.4882, 64.3477,
84.8001

 45.7687, 22.6173,
46.2969

 78.3247, 76.5923,
91.4830

 86.1271, 90.7185,
98.6419

 90.3690, 97.6734,
104.7693

 91.1185, 97.9732,
108.7160

Harmonies

Analogous

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



44.3923, 32.4735, 102.8348



52.9384, 32.4735, 62.5093



55.0131, 32.4735, 28.8894

Triad

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



52.9384, 32.4735, 62.5093



28.5150, 32.4735, 3.6443



17.5867, 32.4735, 81.6885

Complementary

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



52.9384, 32.4735, 62.5093



41.7625, 69.0484, 34.0512

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.



15.0762, 32.4735, 42.7268



52.9384, 32.4735, 62.5093



20.4096, 32.4735, 6.6376

Square

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



52.9384, 32.4735, 62.5093



39.2784, 32.4735, 4.6203



15.9802, 32.4735, 17.4883



23.7481, 32.4735, 117.5639

Rectangle

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



52.9384, 32.4735, 62.5093



52.1088, 32.4735, 15.3465



15.9802, 32.4735, 17.4883



16.3585, 32.4735, 67.8831

Sweetspot

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



52.9395, 32.4751, 62.5099



80.2982, 73.4033, 95.0211



30.6100, 20.3785, 87.9087



16.7456, 14.9253, 19.8923



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.



52.9395, 32.4751, 62.5099



54.9617, 30.3947, 62.9473



46.0154, 29.7054, 26.0482



17.0237, 16.6923, 19.8714



24.9443, 12.3212, 25.4790



2.2336, 1.0994, 2.4563

Inverse Universe

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



52.9395, 32.4751, 62.5099



54.9617, 30.3947, 62.9473



48.7128, 71.8286, 70.6510



17.0237, 16.6923, 19.8714



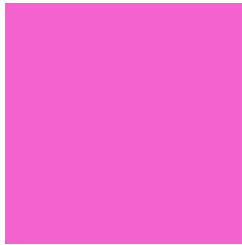
24.9443, 12.3212, 25.4790



2.2336, 1.0994, 2.4563

Previews

White Background



This preview shows how the XYZ color 52.9384, 32.4735, 62.5093 looks on a white background.

Color Contrast Check

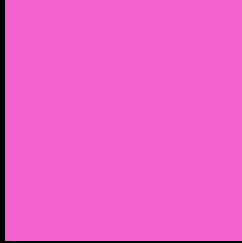
Large Text (above 18pt) WCAG AA × Fail

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 52.9384, 32.4735, 62.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

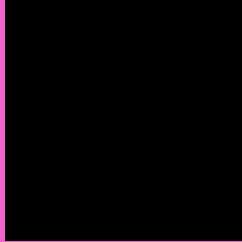
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9384, 32.4735, 62.5093

Background



This preview shows how black text looks on a background with the XYZ color 52.9384, 32.4735, 62.5093.



This preview shows how white text looks on a background with the XYZ color 52.9384, 32.4735,

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

52.9384, 32.4735, 62.5093

Protanopia

35.8197, 33.1405, 94.9513

Deuteranopia

33.4539, 32.7367, 57.9817



Tritanopia

44.9013, 32.3220, 23.9509

Trichromacy



Original Color

52.9384, 32.4735, 62.5093



Protanomaly

38.2068, 30.2296, 81.6631



Deuteranomaly

38.0853, 30.6647, 59.1699



Tritanomaly

47.2818, 32.1199, 35.1602

Monochromacy



Original Color

52.9384, 32.4735, 62.5093



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.5614, 30.6321, 43.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9384, 32.4735, 62.5093 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(244, 98, 207)` looks like.

```
.text, #text, p{  
    color:rgb(244, 98, 207)  
}
```

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(244, 98, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 98, 207) }
```

Border

The CSS property to change the border of an element to XYZ 52.9384, 32.4735, 62.5093 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(244, 98, 207) }
```


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

```
.border{ border-color:rgb(244, 98, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 98, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 98, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 98, 207);  
box-shadow:4px 4px 4px 4px rgb(244, 98,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9384, 32.4735, 62.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 98, 207) }
```

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

```
.background{ background-color: rgb(244, 98,  
207) }
```

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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