

Converting Colors

XYZ(62.6165, 45.3139, 85.8226)

Have a look what the booklet for
XYZ(62.6165, 45.3139, 85.8226)
contains.

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Color

**XYZ(62.5675, 45.2940,
85.5657)**

Conversions

Conversions Part 1

Format	Color
Hex	F490ED
RGB	244, 144, 237
RGB Percent	96%, 56%, 93%
CMY	0.0431, 0.4353, 0.0706
CMYK	0.00, 0.41, 0.03, 0.04
HSL	304°, 82%, 76%
HSV	304°, 41%, 96%
XYZ	62.5675, 45.2940, 85.5657
YIQ	184.5020, 29.7470, 50.1230

Conversions

Conversions Part 2

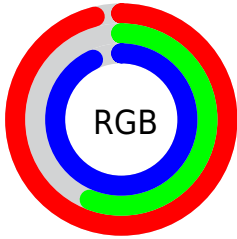
Format	Color
R_{YB}	244, 144, 237
Decimal	16027885
CIE _{Lab}	73.09, 50.96, -30.97
CIE _{LCh}	73, 59.634, 328.715
Yxy	45.2940, 0.3235, 0.2342
Android (android.graphics.Color)	4294217965 (0xFFFF490ED)
YUV	184.5020, 25.8815, 52.1797
Hunter-Lab	67.3008, 48.1695, -28.2702

Details

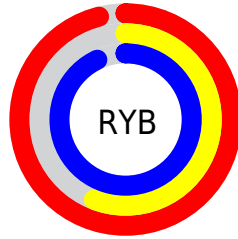
The XYZ color **62.5675, 45.2940, 85.5657** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **49.4401, 72.8665, 40.7397**, and the grayscale version is **45.6886, 48.0680, 52.3460**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **32.2464, 21.0876, 46.0868** is the 20% darker color. If you saturate the color by 10%, you get **59.0155, 38.5867, 83.1566**, and if you desaturate by 10%, it is **66.9234, 53.6035, 88.2554**.

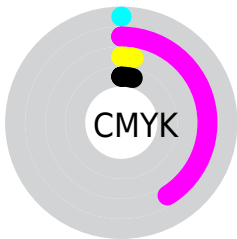
Distribution



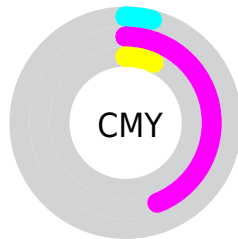
- Red (96%)
- Green (56%)
- Blue (93%)



- Red (96%)
- Yellow (56%)
- Blue (93%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5675, 45.2940, 85.5657 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 62.5675, 45.2940, 85.5657 by changing the saturation by 10% instead.


 62.5675, 45.2940,
85.5657

 62.5675, 45.2940,
85.5657


423.6828,
367.9630, 533.6914

 45.7487, 31.6891,
63.7561

 107.6306, 83.1614,
143.0444

 32.2514, 21.1241,
46.0082


 136.6057,
108.1927, 179.5506

 21.7101, 13.2148,
31.9036


170.3636,
137.8015, 221.7928

 13.7594, 7.5766,
21.0237

209.2697,
172.3723, 270.1894

 8.0341, 3.8252,
12.9499

253.6893,
212.2895, 325.1590

 4.1688, 1.5763,
7.2637

303.9878,

 1.7981, 0.3415,

257.9373, 387.1202

3.5466

360.5305,
309.7004, 456.4915

■ 0.5165, 0.0000,
1.3801

■ 0.0000, 0.0000,
0.1261

■ 62.5675, 45.2940,
85.5657

■ 62.5675, 45.2940,
85.5657

■ 59.0155, 38.5867,
83.1566

■ 66.9234, 53.6035,
88.2554

■ 56.2111, 33.3715,
81.0079

■ 72.1260, 63.6036,
91.2387

■ 54.0975, 29.5342,
79.1012

■ 78.2206, 75.3837,
94.5311

■ 52.6081, 26.9417,
77.4142

■ 85.2476, 89.0250,
98.1461

51.6632, 25.4344,
75.9202

89.6330, 97.3791,
100.8924

51.1627, 24.7749,
74.7001

89.8958, 97.4842,
102.2765

90.1611, 97.5903,
103.6732

90.4287, 97.6974,
105.0828

90.6988, 97.8054,
106.5051

Harmonies

Analogous

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



53.4244, 45.2940, 118.7980



62.5675, 45.2940, 85.5657



66.3778, 45.2940, 50.6165

Triad

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



62.5675, 45.2940, 85.5657



43.5018, 45.2940, 11.2957



27.7469, 45.2940, 82.3854

Complementary

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



62.5675, 45.2940, 85.5657



49.4401, 72.8665, 40.7397

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.



25.9503, 45.2940, 48.0409



62.5675, 45.2940, 85.5657



34.1149, 45.2940, 14.1458

Square

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



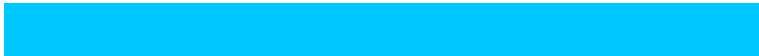
62.5675, 45.2940, 85.5657



54.3289, 45.2940, 14.7134



28.0837, 45.2940, 25.0977



33.4523, 45.2940, 116.4990

Rectangle

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



62.5675, 45.2940, 85.5657



64.9790, 45.2940, 33.0865



28.0837, 45.2940, 25.0977



26.7108, 45.2940, 70.1409

Sweetspot

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



62.5690, 45.2960, 85.5666



85.7103, 81.8694, 104.0947



39.0052, 33.0279, 89.9083



18.1474, 17.1398, 22.1753



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.



62.5690, 45.2960, 85.5666



65.9026, 43.9079, 92.3937



56.2886, 42.7839, 52.4945



17.1606, 16.7471, 20.5923



27.8404, 13.4796, 40.7295



2.4617, 1.1906, 3.6575

Inverse Universe

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



62.5690, 45.2960, 85.5666



65.9026, 43.9079, 92.3937



54.3575, 74.8335, 66.6343



17.1606, 16.7471, 20.5923



27.8404, 13.4796, 40.7295



2.4617, 1.1906, 3.6575

Previews

White Background



This preview shows how the XYZ color 62.5675, 45.2940, 85.5657 looks on a white background.

Color Contrast Check

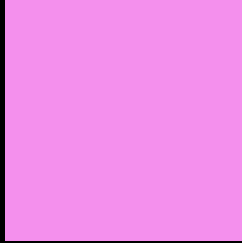
Large Text (above 18pt) WCAG AA × Fail

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 62.5675, 45.2940, 85.5657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

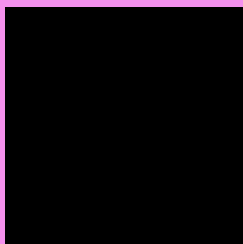
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5675, 45.2940, 85.5657

Background



This preview shows how black text looks on a background with the XYZ color 62.5675, 45.2940, 85.5657.



This preview shows how white text looks on a background with the XYZ color 62.5675, 45.2940,

85.5657.

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

62.5675, 45.2940, 85.5657

Protanopia

47.2897, 45.6328, 100.9233

Deuteranopia

46.7235, 45.7599, 81.9712



Tritanopia

54.0746, 45.1889, 43.9025

Trichromacy



Original Color

62.5675, 45.2940, 85.5657



Protanomaly

50.8919, 44.2524, 94.6662



Deuteranomaly

51.1891, 44.6638, 83.0138



Tritanomaly

56.7254, 45.0282, 56.7405

Monochromacy



Original Color

62.5675, 45.2940, 85.5657



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.7274, 46.2309, 63.3766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5675, 45.2940, 85.5657 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, 144, 237)` looks like.

```
.text, #text, p{  
    color:rgb(244, 144, 237)  
}
```

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, 144, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 144, 237) }
```

Border

The CSS property to change the border of an element to XYZ 62.5675, 45.2940, 85.5657 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, 144, 237) }
```


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

```
.border{ border-color:rgb(244, 144, 237) }
```

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

Here you see how a box with a 4 pixel rgb(244, 144, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 144, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 144, 237);  
box-shadow:4px 4px 4px 4px rgb(244, 144,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5675, 45.2940, 85.5657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 144, 237) }
```

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

```
.background{ background-color: rgb(244,  
144, 237) }
```

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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