

Converting Colors

XYZ(62.8455, 42.4185, 90.5029)

Have a look what the booklet for
XYZ(62.8455, 42.4185, 90.5029)
contains.

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Color

**XYZ(62.6695, 42.2711,
90.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	F782F4
RGB	247, 130, 244
RGB Percent	97%, 51%, 96%
CMY	0.0314, 0.4902, 0.0431
CMYK	0.00, 0.47, 0.01, 0.03
HSL	302°, 88%, 74%
HSV	302°, 47%, 97%
XYZ	62.6695, 42.2711, 90.4440
YIQ	177.9790, 33.1380, 60.2580

Conversions

Conversions Part 2

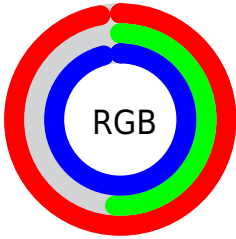
Format	Color
R _Y B	247, 130, 244
Decimal	16220916
CIE Lab	71.06, 59.94, -37.91
CIE LCh	71, 70.920, 327.690
Yxy	42.2711, 0.3207, 0.2163
Android (android.graphics.Color)	4294410996 (0xFFFF782F4)
YUV	177.9790, 32.5484, 60.5314
Hunter-Lab	65.0162, 58.2787, -36.9669

Details

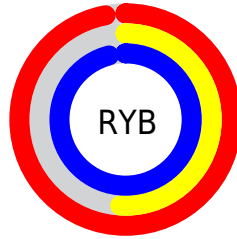
The XYZ color **62.6695, 42.2711, 90.4440** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **46.7022, 72.9623, 33.8145**, and the grayscale version is **42.1284, 44.3223, 48.2670**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **32.2248, 19.3114, 49.0427** is the 20% darker color. If you saturate the color by 10%, you get **59.6742, 36.4333, 88.9722**, and if you desaturate by 10%, it is **66.4564, 49.6897, 92.1821**.

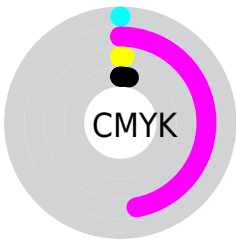
Distribution



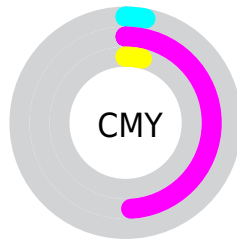
- Red (97%)
- Green (51%)
- Blue (96%)



- Red (97%)
- Yellow (51%)
- Blue (96%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6695, 42.2711, 90.4440 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 62.6695, 42.2711, 90.4440 by changing the saturation by 10% instead.


 62.6695, 42.2711,
90.4440


 62.6695, 42.2711,
90.4440


424.0478,
355.6055, 550.0814


 45.8315, 29.3136,
67.7732


 107.7771, 78.6098,
149.8959

 32.3170, 19.3182,
49.2477


 136.7773,
102.7597, 187.5140

 21.7604, 11.9004,
34.4490


 170.5625,
131.4093, 230.9516

 13.7966, 6.6759,
22.9586

209.4978,
164.9430, 280.6273

 8.0601, 3.2603,
14.3579

253.9486,
203.7450, 336.9596

 4.1855, 1.2691,
8.2284

304.2803,

 1.8076, 0.1171,

248.1998, 400.3670

4.1516

360.8582,
298.6919, 471.2681

■ 0.5223, 0.0000,
1.7089

■ 0.0000, 0.0000,
0.3668

■ 62.6695, 42.2711,
90.4440

■ 62.6695, 42.2711,
90.4440

■ 59.6742, 36.4333,
88.9722

■ 66.4564, 49.6897,
92.1821

■ 57.4089, 32.0558,
87.7449


■ 71.0823, 58.7867,
94.2012


■ 55.8099, 29.0104,
86.7414


■ 76.5958, 69.6586,
96.5177


■ 54.8006, 27.1440,
85.9360


■ 83.0409, 82.3928,
99.1464


 54.2811, 26.2565,
85.2956


 90.4582, 97.0712,
102.1008

 54.1856, 26.1054,
85.1409

 91.0308, 98.0594,
102.7753

 91.1292, 98.0988,
103.2933

 91.2279, 98.1383,
103.8131

 91.3269, 98.1779,
104.3347

Harmonies

Analogous

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



51.7200, 42.2711, 131.3335



62.6695, 42.2711, 90.4440



67.5077, 42.2711, 48.7055

Triad

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



62.6695, 42.2711, 90.4440



41.1024, 42.2711, 6.7710



23.1937, 42.2711, 83.4863

Complementary

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



62.6695, 42.2711, 90.4440



46.7022, 72.9623, 33.8145

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.



21.4437, 42.2711, 43.4467



62.6695, 42.2711, 90.4440



30.4942, 42.2711, 9.0560

Square

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



62.6695, 42.2711, 90.4440



53.6245, 42.2711, 9.9748



23.8360, 42.2711, 19.2205



29.1902, 42.2711, 126.1150

Rectangle

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



62.6695, 42.2711, 90.4440



66.0225, 42.2711, 28.9114



23.8360, 42.2711, 19.2205



22.1479, 42.2711, 68.8334

Sweetspot

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



62.6709, 42.2730, 90.4449



84.5528, 79.2409, 104.6754



34.2810, 27.5844, 91.5143



17.7902, 16.3534, 22.2784



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.



62.6709, 42.2730, 90.4449



64.2338, 39.3187, 95.6956



55.2636, 39.3101, 51.4386



17.1942, 16.7605, 20.7692



28.6653, 13.8095, 45.0731



2.5251, 1.2160, 3.9916

Inverse Universe

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



62.6709, 42.2730, 90.4449



64.2338, 39.3187, 95.6956



51.8120, 75.0063, 60.7225



17.1942, 16.7605, 20.7692



28.6653, 13.8095, 45.0731



2.5251, 1.2160, 3.9916

Previews

White Background



This preview shows how the XYZ color 62.6695, 42.2711, 90.4440 looks on a white background.

Color Contrast Check

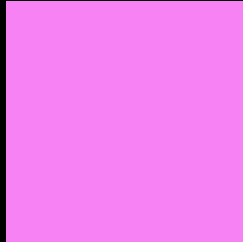
Large Text (above 18pt) WCAG AA × Fail

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 62.6695, 42.2711, 90.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

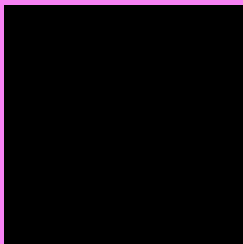
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6695, 42.2711, 90.4440

Background



This preview shows how black text looks on a background with the XYZ color 62.6695, 42.2711, 90.4440.



This preview shows how white text looks on a background with the XYZ color 62.6695, 42.2711,

90.4440.

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

62.6695, 42.2711, 90.4440

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

43.7489, 42.6874, 86.0544



Tritanopia

52.1055, 42.0726, 39.0928

Trichromacy



Original Color

62.6695, 42.2711, 90.4440



Protanomaly

48.9980, 41.1463, 96.6263



Deuteranomaly

48.7714, 41.2240, 87.8246



Tritanomaly

55.3526, 41.8084, 54.4426

Monochromacy



Original Color

62.6695, 42.2711, 90.4440



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

48.0341, 42.4505, 61.5392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6695, 42.2711, 90.4440 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(247, 130, 244)` looks like.

```
.text, #text, p{  
    color:rgb(247, 130, 244)  
}
```

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(247, 130, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 130, 244) }
```

Border

The CSS property to change the border of an element to XYZ 62.6695, 42.2711, 90.4440 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(247, 130, 244) }
```


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

```
.border{ border-color:rgb(247, 130, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 130, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 130, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 130, 244);  
box-shadow:4px 4px 4px 4px rgb(247, 130,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6695, 42.2711, 90.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 130, 244) }
```

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

```
.background{ background-color: rgb(247,  
130, 244) }
```

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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