

Converting Colors

XYZ(66.6019, 49.2196, 94.1800)

Have a look what the booklet for
XYZ(66.6019, 49.2196, 94.1800)
contains.

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Color

**XYZ(66.5375, 49.2720,
93.9992)**

Conversions

Conversions Part 1

Format	Color
Hex	F799F7
RGB	247, 153, 247
RGB Percent	97%, 60%, 97%
CMY	0.0314, 0.4000, 0.0314
CMYK	0.00, 0.38, 0.00, 0.03
HSL	300°, 85%, 78%
HSV	300°, 38%, 97%
XYZ	66.5375, 49.2720, 93.9992
YIQ	191.8220, 25.8500, 49.1620

Conversions

Conversions Part 2

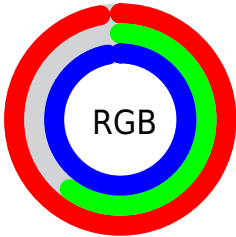
Format	Color
RYB	247, 153, 247
Decimal	16226807
CIELab	75.62, 49.05, -32.47
CIElCh	76, 58.822, 326.494
Yxy	49.2720, 0.3171, 0.2348
Android (android.graphics.Color)	4294416887 (0xFFFF799F7)
YUV	191.8220, 27.2028, 48.3911
Hunter-Lab	70.1940, 46.3621, -30.2614

Details

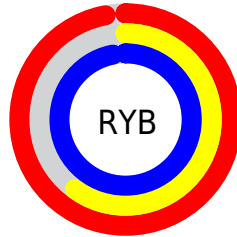
The XYZ color **66.5375, 49.2720, 93.9992** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.1495, 75.5955, 41.9826**, and the grayscale version is **49.8365, 52.4318, 57.0983**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **34.7424, 23.4602, 51.4123** is the 20% darker color. If you saturate the color by 10%, you get **62.9060, 42.0080, 92.7890**, and if you desaturate by 10%, it is **71.0089, 58.2137, 95.4903**.

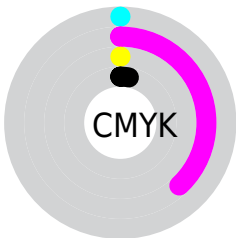
Distribution



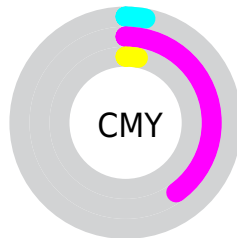
- Red (97%)
- Green (60%)
- Blue (97%)



- Red (97%)
- Yellow (60%)
- Blue (97%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5375, 49.2720, 93.9992 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 66.5375, 49.2720, 93.9992 by changing the saturation by 10% instead.

66.5375, 49.2720,
93.9992

66.5375, 49.2720,
93.9992

437.7551,
383.8121, 561.8583

48.9782, 34.8353,
70.7100

113.3109, 89.0953,
154.8649

34.8166, 23.5360,
51.6252

143.2557,
115.2507, 193.2785

23.6875, 14.9898,
36.3262

178.0597,
146.0811, 237.5706

15.2255, 8.8122,
24.3946

218.0882,
181.9709, 288.1598

9.0651, 4.6189,
15.4117

263.7067,
223.3045, 345.4647

4.8411, 2.0254,
8.9590

315.2804,

2.1881, 0.6222,

270.4663, 409.9037

4.6180

373.1748,
323.8407, 481.8954

■ 0.7365, 0.0000,
1.9701

■ 0.0000, 0.0000,
0.5368

■ 66.5375, 49.2720,
93.9992

■ 66.5375, 49.2720,
93.9992

■ 62.9060, 42.0080,
92.7890

■ 71.0089, 58.2137,
95.4903

■ 60.0576, 36.3112,
91.8394

■ 76.3629, 68.9217,
97.2752

■ 57.9360, 32.0681,
91.1321

■ 82.6452, 81.4861,
99.3694

■ 56.4756, 29.1473,
90.6451

■ 89.8967, 95.9891,
101.7867

55.5987, 27.3935,
90.3526

90.9072, 98.0100,
102.1237

55.1989, 26.5941,
90.2192

90.9072, 98.0100,
102.1239

55.1468, 26.4898,
90.2018

90.9072, 98.0100,
102.1241

90.9073, 98.0100,
102.1243

90.9073, 98.0100,
102.1244

Harmonies

Analogous

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



56.8010, 49.2720, 127.1481



66.5375, 49.2720, 93.9992



70.9781, 49.2720, 57.3979

Triad

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



66.5375, 49.2720, 93.9992



48.1229, 49.2720, 13.3081



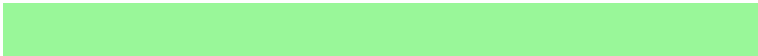
30.4885, 49.2720, 85.0719

Complementary

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



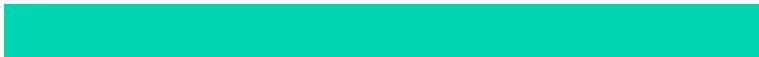
66.5375, 49.2720, 93.9992



52.1495, 75.5955, 41.9826

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.



28.8957, 49.2720, 50.0667



66.5375, 49.2720, 93.9992



38.1027, 49.2720, 15.9008

Square

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



66.5375, 49.2720, 93.9992



59.3593, 49.2720, 17.5863



31.4599, 49.2720, 26.8997



36.2035, 49.2720, 120.7439

Rectangle

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



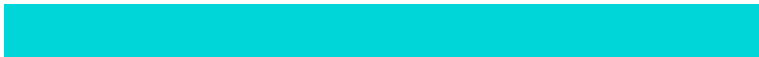
66.5375, 49.2720, 93.9992



69.8990, 49.2720, 38.3687



31.4599, 49.2720, 26.8997



29.4955, 49.2720, 72.5268

Sweetspot

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



66.5391, 49.2742, 94.0002



86.7454, 83.3908, 106.1316



41.3188, 36.2726, 92.8206



18.3667, 17.4484, 22.6497



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.



66.5391, 49.2742, 94.0002



68.3353, 46.5709, 99.9943



60.1762, 46.7290, 60.4937



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Inverse Universe

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



66.5391, 49.2742, 94.0002



68.3353, 46.5709, 99.9943



56.8249, 77.4657, 66.6032



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 66.5375, 49.2720, 93.9992 looks on a white background.

Color Contrast Check

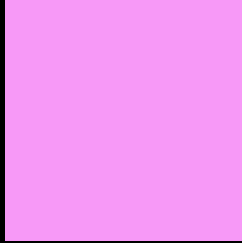
Large Text (above 18pt) WCAG AA × Fail

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 66.5375, 49.2720, 93.9992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

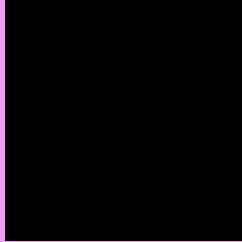
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.5375, 49.2720, 93.9992

Background



This preview shows how black text looks on a background with the XYZ color 66.5375, 49.2720, 93.9992.



This preview shows how white text looks on a background with the XYZ color 66.5375, 49.2720,

93.9992.

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

66.5375, 49.2720, 93.9992

Protanopia

50.7075, 49.5003, 101.4897

Deuteranopia

50.7152, 49.4480, 90.0905



Tritanopia

57.3168, 49.1099, 49.6382

Trichromacy



Original Color

66.5375, 49.2720, 93.9992



Protanomaly

55.0199, 48.5175, 98.5604



Deuteranomaly

55.2873, 48.5327, 91.2478



Tritanomaly

60.0950, 48.9011, 63.3982

Monochromacy



Original Color

66.5375, 49.2720, 93.9992



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.9554, 50.5913, 69.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5375, 49.2720, 93.9992 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, 153, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 153, 247)  
}
```

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, 153, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 153, 247) }
```

Border

The CSS property to change the border of an element to XYZ 66.5375, 49.2720, 93.9992 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, 153, 247) }
```


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

```
.border{ border-color:rgb(247, 153, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 153, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 153, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 153, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 153,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5375, 49.2720, 93.9992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 153, 247) }
```

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

```
.background{ background-color: rgb(247,  
153, 247) }
```

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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