

Converting Colors

XYZ(65.1835, 48.5908, 95.2808)

Have a look what the booklet for
XYZ(65.1835, 48.5908, 95.2808)
contains.

XYZ(65.1081, 48.4993, 95.5523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.1081, 48.4993,
95.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	F299F9
RGB	242, 153, 249
RGB Percent	95%, 60%, 98%
CMY	0.0510, 0.4000, 0.0235
CMYK	0.03, 0.39, 0.00, 0.02
HSL	296°, 89%, 79%
HSV	296°, 39%, 98%
XYZ	65.1081, 48.4993, 95.5523
YIQ	190.5550, 22.2280, 48.7240

Conversions

Conversions Part 2

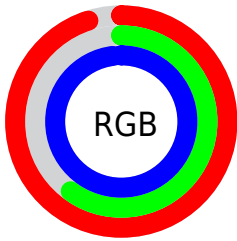
Format	Color
R _Y B	242, 153, 249
Decimal	15899129
CIE Lab	75.14, 47.92, -34.34
CIE LCh	75, 58.957, 324.371
Yxy	48.4993, 0.3113, 0.2319
Android (android.graphics.Color)	4294089209 (0xFFFF299F9)
YUV	190.5550, 28.8134, 45.1173
Hunter-Lab	69.6414, 45.0079, -32.6005

Details

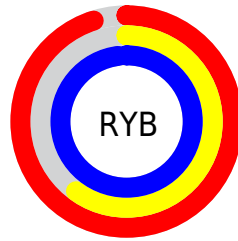
The XYZ color **65.1081, 48.4993, 95.5523** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.1243, 77.5261, 42.2507**, and the grayscale version is **49.0950, 51.6517, 56.2487**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **33.8388, 23.1105, 52.5464** is the 20% darker color. If you saturate the color by 10%, you get **60.8304, 40.8633, 94.3046**, and if you desaturate by 10%, it is **70.2455, 57.8432, 97.0858**.

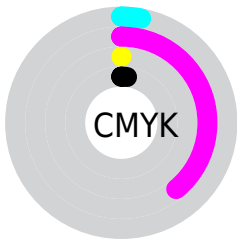
Distribution



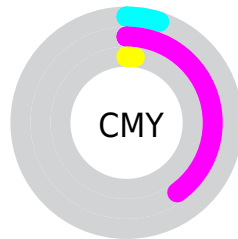
- Red (95%)
- Green (60%)
- Blue (98%)



- Red (95%)
- Yellow (60%)
- Blue (98%)



- Cyan (3%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1081, 48.4993, 95.5523 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 65.1081, 48.4993, 95.5523 by changing the saturation by 10% instead.


 65.1081, 48.4993,
95.5523


 65.1081, 48.4993,
95.5523


432.7194,
380.7678, 566.9610

 47.8138, 34.2225,
71.9953

 111.2701, 87.9473,
157.0295

 33.8901, 23.0646,
52.6680


 140.8685,
113.8873, 195.7869

 22.9716, 14.6412,
37.1519


175.2989,
144.4839, 240.4481

 14.6932, 8.5679,
25.0284

214.9268,
180.1213, 291.4317

 8.6892, 4.4605,
15.8790

260.1174,
221.1840, 349.1563

 4.5945, 1.9343,
9.2852

311.2361,

 2.0437, 0.5689,

268.0564, 414.0403

4.8283

368.6483,
321.1229, 486.5024

■ 0.6583, 0.0000,
2.0899

■ 0.0000, 0.0000,
0.6097

■ 65.1081, 48.4993,
95.5523

■ 65.1081, 48.4993,
95.5523

■ 60.8304, 40.8633,
94.3046

■ 70.2455, 57.8432,
97.0858

■ 57.3543, 34.8224,
93.3218

■ 76.2864, 68.9862,
98.9182

■ 54.6219, 30.2599,
92.5851

■ 83.2776, 82.0204,
101.0656

■ 52.5658, 27.0408,
92.0722

■ 91.2610, 97.0298,
103.5419

■ 51.1059, 25.0052,
91.7562

■ 92.6712, 98.8836,
103.8254

■ 50.1283, 23.9249,
91.5992

■ 93.3287, 99.2225,
103.8562

■ 50.0043, 23.8029,
91.5822

■ 93.9925, 99.5647,
103.8873

■ 94.0990, 99.6196,
103.8922

Harmonies

Analogous

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



55.2027, 48.4993, 127.5627



65.1081, 48.4993, 95.5523



69.9901, 48.4993, 58.8548

Triad

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



65.1081, 48.4993, 95.5523



48.1630, 48.4993, 12.9925



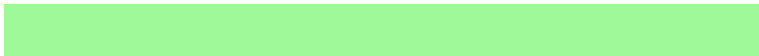
29.6586, 48.4993, 81.3283

Complementary

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



65.1081, 48.4993, 95.5523



54.1243, 77.5261, 42.2507

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.



28.3739, 48.4993, 47.1893



65.1081, 48.4993, 95.5523



38.0523, 48.4993, 15.0606

Square

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



65.1081, 48.4993, 95.5523



59.2752, 48.4993, 17.7305



31.2018, 48.4993, 25.1985



35.0331, 48.4993, 117.3518

Rectangle

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



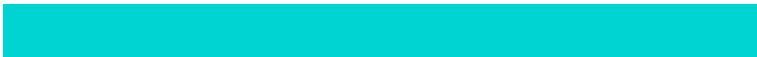
65.1081, 48.4993, 95.5523



69.2669, 48.4993, 39.3857



31.2018, 48.4993, 25.1985



28.7733, 48.4993, 68.9770

Sweetspot

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



65.1097, 48.5014, 95.5533



85.2372, 81.5859, 105.8629



42.9827, 39.1040, 94.9057



18.0352, 17.0726, 22.5947



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.



65.1097, 48.5014, 95.5533



65.2587, 44.9849, 99.8512



61.9683, 47.5277, 66.2311



17.8608, 17.4564, 21.8133



26.8189, 12.7683, 49.0246



2.5201, 1.2013, 4.5422

Inverse Universe

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



56.8049, 45.4624, 39.0410



55.4935, 41.4342, 32.3700



56.6399, 78.3752, 62.5968



17.2959, 17.2457, 18.1482



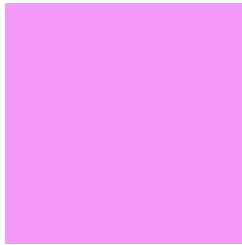
20.9896, 10.8115, 1.3875



1.9613, 1.0082, 0.2194

Previews

White Background



This preview shows how the XYZ color 65.1081, 48.4993, 95.5523 looks on a white background.

Color Contrast Check

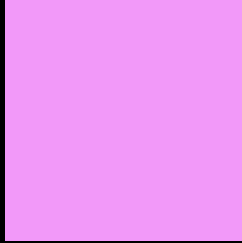
Large Text (above 18pt) WCAG AA × Fail

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 65.1081, 48.4993, 95.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

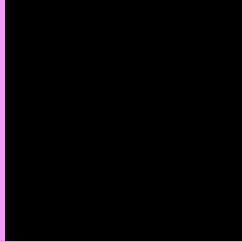
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1081, 48.4993, 95.5523

Background



This preview shows how black text looks on a background with the XYZ color 65.1081, 48.4993, 95.5523.



This preview shows how white text looks on a background with the XYZ color 65.1081, 48.4993,

95.5523.

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

65.1081, 48.4993, 95.5523

Protanopia

50.0877, 48.8735, 101.4014

Deuteranopia

50.0703, 48.7582, 92.3602



Tritanopia

55.8451, 48.6242, 49.6221

Trichromacy



Original Color

65.1081, 48.4993, 95.5523



Protanomaly

54.2204, 47.8034, 99.2978



Deuteranomaly

54.2234, 47.6500, 93.5283



Tritanomaly

58.7087, 48.4350, 64.0122

Monochromacy



Original Color

65.1081, 48.4993, 95.5523



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

54.1841, 49.8994, 69.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1081, 48.4993, 95.5523 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(242, 153, 249)` looks like.

```
.text, #text, p{  
    color:rgb(242, 153, 249)  
}
```

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(242, 153, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 153, 249) }
```

Border

The CSS property to change the border of an element to XYZ 65.1081, 48.4993, 95.5523 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(242, 153, 249) }
```


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

```
.border{ border-color:rgb(242, 153, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 153, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 153, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 153, 249); box-shadow:4px 4px 4px 4px rgb(242, 153, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1081, 48.4993, 95.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 153, 249) }
```

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

```
.background{ background-color: rgb(242,  
153, 249) }
```

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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