

Converting Colors

XYZ(91.5186, 56.2369, 82.6252)

Have a look what the booklet for
XYZ(91.5186, 56.2369, 82.6252)
contains.

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Color

**XYZ(63.0131, 41.5015,
81.0334)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CE8
RGB	255, 124, 232
RGB Percent	100%, 49%, 91%
CMY	0.0000, 0.5137, 0.0902
CMYK	0.00, 0.51, 0.09, 0.00
HSL	311°, 100%, 74%
HSV	311°, 51%, 100%
XYZ	63.0131, 41.5015, 81.0334
YIQ	175.4810, 43.4080, 61.3600

Conversions

Conversions Part 2

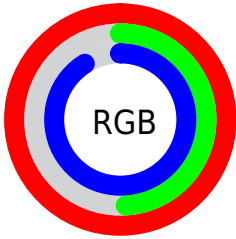
Format	Color
R _Y B	255, 124, 232
Decimal	16743656
CIE Lab	70.53, 63.02, -32.06
CIE LCh	71, 70.711, 333.037
Yxy	41.5015, 0.3396, 0.2237
Android (android.graphics.Color)	4294933736 (0xFFFF7CE8)
YUV	175.4810, 27.8639, 69.7382
Hunter-Lab	64.4217, 61.8593, -29.4833

Details

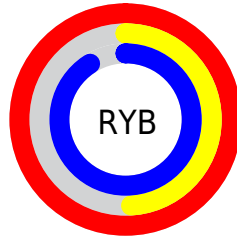
The XYZ color **63.0131, 41.5015, 81.0334** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.3401, 77.9124, 40.0443**, and the grayscale version is **40.8423, 42.9693, 46.7936**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **32.6086, 18.8847, 43.0007** is the 20% darker color. If you saturate the color by 10%, you get **59.5928, 35.6655, 76.7958**, and if you desaturate by 10%, it is **67.2777, 48.9996, 85.6334**.

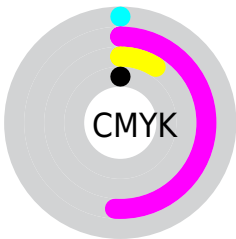
Distribution



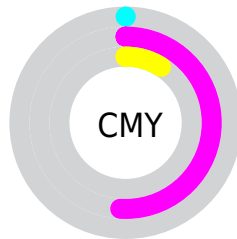
- Red (100%)
- Green (49%)
- Blue (91%)



- Red (100%)
- Yellow (49%)
- Blue (91%)



- Cyan (0%)
- Magenta (51%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0131, 41.5015, 81.0334 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 63.0131, 41.5015, 81.0334 by changing the saturation by 10% instead.


 63.0131, 41.5015,
81.0334


 63.0131, 41.5015,
81.0334


425.2759,
352.4123, 518.2070


 46.1105, 28.7112,
60.0379

 108.2701, 77.4446,
136.6422

 32.5380, 18.8624,
43.0237


 137.3552,
101.3662, 172.0925

 21.9303, 11.5709,
29.5722


 171.2319,
129.7669, 213.1983

 13.9220, 6.4522,
19.2648

210.2655,
163.0312, 260.3780

 8.1478, 3.1220,
11.6830

254.8213,
201.5435, 314.0502

 4.2423, 1.1957,
6.4083

305.2648,

 1.8401, 0.0582,

245.6882, 374.6334

3.0221

361.9612,
295.8497, 442.5462

■ 0.5416, 0.0000,
1.1060

■ 0.0000, 0.0000,
0.0000

■ 63.0131, 41.5015,
81.0334

■ 63.0131, 41.5015,
81.0334

■ 59.5928, 35.6655,
76.7958

■ 67.2777, 48.9996,
85.6334

■ 56.9485, 31.3562,
72.8957

■ 72.4418, 58.2708,
90.6132

■ 55.0064, 28.4256,
69.3084

■ 78.5594, 69.4227,
95.9920

■ 53.6764, 26.6938,
66.0033

■ 85.6793, 82.5529,
101.7866

■ 52.9013, 25.9245,
63.3376

■ 93.8471, 97.7520,
108.0127

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.9856, 41.5015, 123.2952



63.0131, 41.5015, 81.0334



66.3605, 41.5015, 41.8689

Triad

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



63.0131, 41.5015, 81.0334



38.2693, 41.5015, 6.6016



23.4681, 41.5015, 90.0510

Complementary

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



63.0131, 41.5015, 81.0334



49.3401, 77.9124, 40.0443

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.



21.0152, 41.5015, 48.6782



63.0131, 41.5015, 81.0334



28.4349, 41.5015, 9.8902

Square

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



63.0131, 41.5015, 81.0334



50.5187, 41.5015, 8.7047



22.6374, 41.5015, 21.8660



30.1223, 41.5015, 130.0619

Rectangle

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



63.0131, 41.5015, 81.0334



63.9051, 41.5015, 24.4189



22.6374, 41.5015, 21.8660



22.1917, 41.5015, 75.2851

Sweetspot

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



63.0141, 41.5032, 81.0342



82.9759, 77.5519, 99.6340



37.0840, 27.7333, 98.0063



17.4376, 16.0041, 21.0637



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.



63.0141, 41.5032, 81.0342



59.4039, 35.3503, 76.5403



55.4858, 38.4919, 41.3906



18.6477, 18.2424, 22.0280



27.6921, 13.5661, 33.3585



2.7306, 1.3346, 3.4287

Inverse Universe

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



63.0141, 41.5032, 81.0342



59.4039, 35.3503, 76.5403



55.8732, 80.5256, 74.4470



18.6477, 18.2424, 22.0280



27.6921, 13.5661, 33.3585



2.7306, 1.3346, 3.4287

Previews

White Background



This preview shows how the XYZ color 63.0131, 41.5015, 81.0334 looks on a white background.

Color Contrast Check

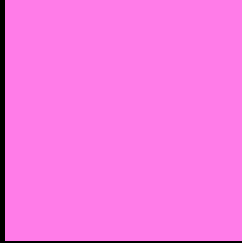
Large Text (above 18pt) WCAG AA × Fail

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 63.0131, 41.5015, 81.0334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

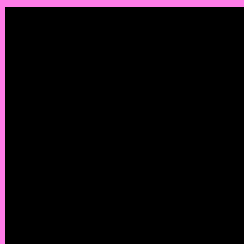
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0131, 41.5015, 81.0334

Background



This preview shows how black text looks on a background with the XYZ color 63.0131, 41.5015, 81.0334.



This preview shows how white text looks on a background with the XYZ color 63.0131, 41.5015,

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

63.0131, 41.5015, 81.0334

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

42.7296, 41.8127, 76.3396



Tritanopia

53.4288, 41.2387, 35.2809

Trichromacy



Original Color

63.0131, 41.5015, 81.0334



Protanomaly

47.9469, 39.6882, 93.1292



Deuteranomaly

48.0213, 40.0643, 77.8752



Tritanomaly

56.1744, 40.8451, 49.1791

Monochromacy



Original Color

63.0131, 41.5015, 81.0334



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

46.7541, 40.5998, 57.5969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0131, 41.5015, 81.0334 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(255, 124, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 232)  
}
```

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(255, 124, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 232) }
```

Border

The CSS property to change the border of an element to XYZ 63.0131, 41.5015, 81.0334 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(255, 124, 232) }
```


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

```
.border{ border-color:rgb(255, 124, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0131, 41.5015, 81.0334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 232) }
```

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

```
.background{ background-color: rgb(255,  
124, 232) }
```

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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