

Converting Colors

XYZ(47.5262, 31.0790, 48.0523)

Have a look what the booklet for
XYZ(47.5262, 31.0790, 48.0523)
contains.

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Color

**XYZ(47.5305, 31.0145,
48.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	EA69B7
RGB	234, 105, 183
RGB Percent	92%, 41%, 72%
CMY	0.0824, 0.5882, 0.2824
CMYK	0.00, 0.55, 0.22, 0.08
HSL	324°, 75%, 66%
HSV	324°, 55%, 92%
XYZ	47.5305, 31.0145, 48.2810
YIQ	152.4630, 51.8460, 51.6060

Conversions

Conversions Part 2

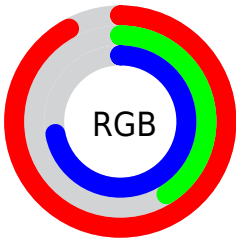
Format	Color
RYB	234, 105, 183
Decimal	15362487
CIELab	62.52, 58.42, -17.13
CIELCh	63, 60.882, 343.656
Yxy	31.0145, 0.3748, 0.2445
Android (android.graphics.Color)	4293552567 (0xFFEA69B7)
YUV	152.4630, 15.0547, 71.5079
Hunter-Lab	55.6907, 54.8863, -12.4180

Details

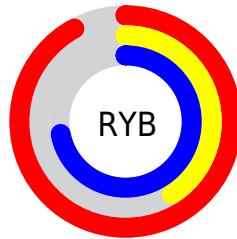
The XYZ color **47.5305, 31.0145, 48.2810** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **41.2508, 64.2501, 41.6830**, and the grayscale version is **29.9675, 31.5281, 34.3341**.

A 20% lighter version of the original color is **69.5649, 52.9817, 88.2214**, and **22.7654, 12.8396, 22.3975** is the 20% darker color. If you saturate the color by 10%, you get **44.5351, 26.5142, 42.6867**, and if you desaturate by 10%, it is **51.2466, 36.8542, 54.4284**.

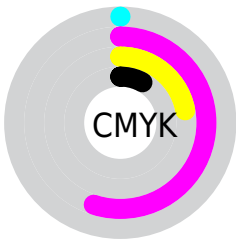
Distribution



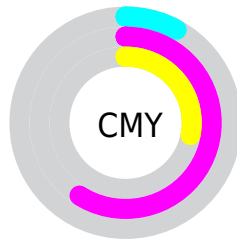
- Red (92%)
- Green (41%)
- Blue (72%)



- Red (92%)
- Yellow (41%)
- Blue (72%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (8%)




- Cyan (8%)
- Magenta (59%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5305, 31.0145, 48.2810 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 47.5305, 31.0145, 48.2810 by changing the saturation by 10% instead.


 47.5305, 31.0145,
48.2810


 47.5305, 31.0145,
48.2810

367.5418,
306.6051, 396.4457


 33.6649, 20.6099,
33.6879


 85.7189, 61.2629,
88.9925


 22.7980, 12.8391,
22.3785


 110.7724, 81.8755,
115.9481

 14.5643, 7.3179,
13.9343


 140.2860,
106.6595, 147.8615

 8.5985, 3.6617,
7.9368

 174.6249,
135.9994, 185.1513

 4.5352, 1.4862,
3.9673

214.1546,
170.2795, 228.2361

 2.0092, 0.2790,
1.6074

259.2404,

 0.6391, 0.0000,

209.8842, 277.5344

0.2961

310.2477,
255.1979, 333.4647

■ 0.0000, 0.0000,
0.0000

■ 47.5305, 31.0145,
48.2810

■ 47.5305, 31.0145,
48.2810

■ 44.5351, 26.5142,
42.6867

■ 51.2466, 36.8542,
54.4284

■ 42.2012, 23.2379,
37.6190

■ 55.7308, 44.1272,
61.1497

■ 40.4643, 21.0581,
33.0506


■ 61.0294, 52.9241,
68.4662


■ 39.2441, 19.8164,
28.9483

■ 67.1842, 63.3266,
76.3974

■ 38.7757, 19.4300,
27.0953

■ 74.2341, 75.4106,
84.9615

 82.2154, 89.2472,
94.1759

 86.5982, 95.7751,
102.5357

 87.7418, 96.2325,
108.5580

Harmonies

Analogous

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



41.8805, 31.0145, 78.6201



47.5305, 31.0145, 48.2810



47.7965, 31.0145, 24.1146

Triad

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



47.5305, 31.0145, 48.2810



25.8797, 31.0145, 6.0262



19.4017, 31.0145, 75.9957

Complementary

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



47.5305, 31.0145, 48.2810



41.2508, 64.2501, 41.6830

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.



16.5645, 31.0145, 45.7086



47.5305, 31.0145, 48.2810



19.8037, 31.0145, 10.3688

Square

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



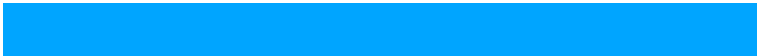
47.5305, 31.0145, 48.2810



34.1854, 31.0145, 6.2032



16.6964, 31.0145, 22.5029



25.2246, 31.0145, 99.0693

Rectangle

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



47.5305, 31.0145, 48.2810



44.8017, 31.0145, 14.2900



16.6964, 31.0145, 22.5029



18.1204, 31.0145, 65.8354

Sweetspot

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



47.5314, 31.0160, 48.2816



80.1082, 74.3370, 90.9081



33.3168, 22.9599, 80.5180



16.8140, 15.3475, 19.0350



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.



47.5314, 31.0160, 48.2816



53.7507, 31.6786, 51.1187



42.3777, 28.9545, 21.1425



15.4480, 15.2070, 17.6444



21.8534, 10.9441, 15.5612



1.7632, 0.8782, 1.4702

Inverse Universe

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



47.5314, 31.0160, 48.2816



53.7507, 31.6786, 51.1187



48.0292, 66.9615, 77.3776



15.4480, 15.2070, 17.6444



21.8534, 10.9441, 15.5612



1.7632, 0.8782, 1.4702

Previews

White Background



This preview shows how the XYZ color 47.5305, 31.0145, 48.2810 looks on a white background.

Color Contrast Check

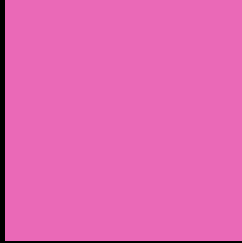
Large Text (above 18pt) WCAG AA × Fail

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 47.5305, 31.0145, 48.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

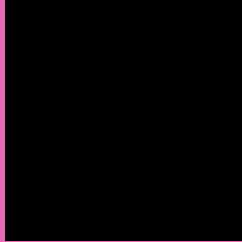
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5305, 31.0145, 48.2810

Background



This preview shows how black text looks on a background with the XYZ color 47.5305, 31.0145, 48.2810.



This preview shows how white text looks on a background with the XYZ color 47.5305, 31.0145,

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

47.5305, 31.0145, 48.2810

Protanopia

32.3733, 31.2265, 68.6110

Deuteranopia

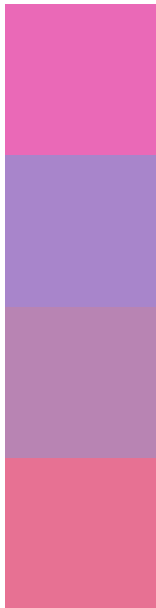
31.9439, 31.2830, 45.4289



Tritanopia

42.5574, 31.1212, 23.5026

Trichromacy



Original Color

47.5305, 31.0145, 48.2810

Protanomaly

35.3155, 29.4117, 60.3156

Deuteranomaly

36.1551, 29.9475, 46.5227

Tritanomaly

44.1266, 30.9058, 31.2434

Monochromacy



Original Color

47.5305, 31.0145, 48.2810

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

34.5662, 29.9174, 38.6031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5305, 31.0145, 48.2810 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(234, 105, 183)` looks like.

```
.text, #text, p{  
    color:rgb(234, 105, 183)  
}
```

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(234, 105, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 105, 183) }
```

Border

The CSS property to change the border of an element to XYZ 47.5305, 31.0145, 48.2810 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(234, 105, 183) }
```


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

```
.border{ border-color:rgb(234, 105, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 105, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 105, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 105, 183);  
box-shadow:4px 4px 4px 4px rgb(234, 105,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5305, 31.0145, 48.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 105, 183) }
```

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

```
.background{ background-color: rgb(234,  
105, 183) }
```

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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