

Converting Colors

XYZ(71.1051, 48.2110, 64.1900)

Have a look what the booklet for
XYZ(71.1051, 48.2110, 64.1900)
contains.

XYZ(61.0446, 43.0442, 63.4835)	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(61.0446, 43.0442,
63.4835)**

Conversions

Conversions Part 1

Format	Color
Hex	FF87CE
RGB	255, 135, 206
RGB Percent	100%, 53%, 81%
CMY	0.0000, 0.4706, 0.1922
CMYK	0.00, 0.47, 0.19, 0.00
HSL	325°, 100%, 76%
HSV	325°, 47%, 100%
XYZ	61.0446, 43.0442, 63.4835
YIQ	178.9740, 48.7290, 47.5210

Conversions

Conversions Part 2

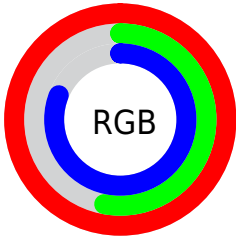
Format	Color
R_{YB}	255, 135, 206
Decimal	16746446
CIE _{Lab}	71.58, 53.87, -16.07
CIE _{LCh}	72, 56.218, 343.386
Yxy	43.0442, 0.3643, 0.2569
Android (android.graphics.Color)	4294936526 (0xFFFF87CE)
YUV	178.9740, 13.3238, 66.6748
Hunter-Lab	65.6081, 51.2700, -11.4444

Details

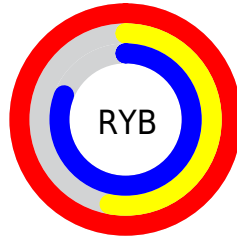
The XYZ color **61.0446, 43.0442, 63.4835** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.4051, 80.1324, 57.9503**, and the grayscale version is **42.7482, 44.9745, 48.9772**.

A 20% lighter version of the original color is **77.9208, 65.7416, 103.1903**, and **31.3011, 19.7401, 31.8662** is the 20% darker color. If you saturate the color by 10%, you get **56.6798, 36.2725, 55.9929**, and if you desaturate by 10%, it is **66.3471, 51.5570, 71.7012**.

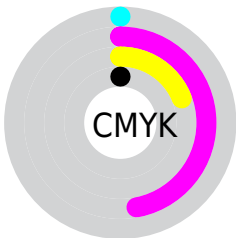
Distribution



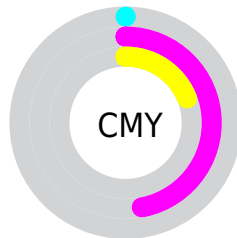
- Red (100%)
- Green (53%)
- Blue (81%)



- Red (100%)
- Yellow (53%)
- Blue (81%)



- Cyan (0%)
- Magenta (47%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0446, 43.0442, 63.4835 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 61.0446, 43.0442, 63.4835 by changing the saturation by 10% instead.


 61.0446, 43.0442,
63.4835


 61.0446, 43.0442,
63.4835

418.2108,
358.7935, 455.4782


 44.5138, 29.9198,
45.7890

 105.4413, 79.7776,
111.4591

 31.2743, 19.7777,
31.7319


 134.0379,
104.1553, 142.5772

 20.9607, 12.2336,
20.8936


 167.3871,
133.0529, 179.0069

 13.2076, 6.9030,
12.8558

205.8544,
166.8549, 221.1667

 7.6496, 3.4015,
7.1998

249.8051,
205.9455, 269.4752

 3.9215, 1.3448,
3.5070

299.6045,

 1.6578, 0.1755,

250.7092, 324.3509

1.3590

355.6179,
301.5304, 386.2124

■ 0.4296, 0.0000,
0.1094

■ 0.0000, 0.0000,
0.0000

■ 61.0446, 43.0442,
63.4835

■ 61.0446, 43.0442,
63.4835

■ 56.6798, 36.2725,
55.9929

■ 66.3471, 51.5570,
71.7012

■ 53.1863, 31.1119,
49.1978

■ 72.6415, 61.9172,
80.6703

■ 50.4932, 27.4233,
43.0670

■ 79.9815, 74.2292,
90.4166

■ 48.5165, 25.0411,
37.5638

■ 88.4155, 88.5881,
100.9637

■ 47.1489, 23.7539, 95.0500, 100.0000,
32.6440 108.9000

■ 46.8154, 23.4902,
31.2898

Harmonies

Analogous

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



54.7952, 43.0442, 96.1289



61.0446, 43.0442, 63.4835



61.3931, 43.0442, 35.7636

Triad

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



61.0446, 43.0442, 63.4835



36.8249, 43.0442, 12.1615



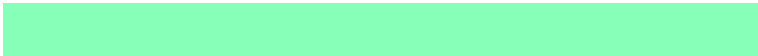
29.0151, 43.0442, 92.8031

Complementary

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



61.0446, 43.0442, 63.4835



54.4051, 80.1324, 57.9503

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.



25.5830, 43.0442, 60.0610



61.0446, 43.0442, 63.4835



29.5978, 43.0442, 18.1909

Square

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



61.0446, 43.0442, 63.4835



46.3636, 43.0442, 12.4746



25.7783, 43.0442, 33.4382



35.9058, 43.0442, 117.0493

Rectangle

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



61.0446, 43.0442, 63.4835



58.1495, 43.0442, 23.5614



25.7783, 43.0442, 33.4382



27.4700, 43.0442, 81.9761

Sweetspot

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



61.0456, 43.0461, 63.4843



82.4408, 78.3961, 93.5539



46.2443, 34.6176, 98.8523



17.2718, 16.1460, 19.5486



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.



61.0456, 43.0461, 63.4843



57.0986, 36.9094, 56.7507



55.1719, 40.6966, 32.5536



18.4604, 18.1675, 21.0416



24.5381, 12.3045, 16.7497



2.4434, 1.2198, 1.9166

Inverse Universe

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



61.0456, 43.0461, 63.4843



57.0986, 36.9094, 56.7507



61.9305, 83.1426, 97.5786



18.4604, 18.1675, 21.0416



24.5381, 12.3045, 16.7497



2.4434, 1.2198, 1.9166

Previews

White Background



This preview shows how the XYZ color 61.0446, 43.0442, 63.4835 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 61.0446, 43.0442, 63.4835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

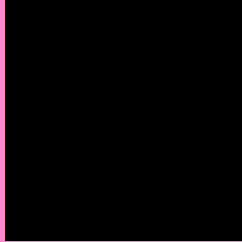
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0446, 43.0442, 63.4835

Background



This preview shows how black text looks on a background with the XYZ color 61.0446, 43.0442, 63.4835.



This preview shows how white text looks on a background with the XYZ color 61.0446, 43.0442, 63.4835.

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

61.0446, 43.0442, 63.4835

Protanopia

44.1421, 43.5262, 83.1657

Deuteranopia

44.0443, 43.1197, 60.6451



Tritanopia

55.5505, 42.9751, 36.8197

Trichromacy



Original Color

61.0446, 43.0442, 63.4835



Protanomaly

48.1382, 41.9387, 75.3698



Deuteranomaly

48.9000, 42.1279, 61.4313



Tritanomaly

57.3097, 42.8012, 45.2853

Monochromacy



Original Color

61.0446, 43.0442, 63.4835



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

48.0146, 43.1339, 53.9391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0446, 43.0442, 63.4835 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, 135, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 206)  
}
```

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, 135, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 206) }
```

Border

The CSS property to change the border of an element to XYZ 61.0446, 43.0442, 63.4835 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, 135, 206) }
```


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

```
.border{ border-color:rgb(255, 135, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 135, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 135, 206); box-shadow:4px 4px 4px 4px rgb(255, 135, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0446, 43.0442, 63.4835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 206) }
```

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

```
.background{ background-color: rgb(255,  
135, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor