

Converting Colors

XYZ(60.0526, 46.4884, 46.3814)

Have a look what the booklet for
XYZ(60.0526, 46.4884, 46.3814)
contains.

XYZ(60.0445, 46.4884, 46.3659)	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(60.0445, 46.4884,
46.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97AF
RGB	255, 151, 175
RGB Percent	100%, 59%, 69%
CMY	0.0000, 0.4078, 0.3137
CMYK	0.00, 0.41, 0.31, 0.00
HSL	346°, 100%, 80%
HSV	346°, 41%, 100%
XYZ	60.0445, 46.4884, 46.3659
YIQ	184.8320, 54.2800, 29.5120

Conversions

Conversions Part 2

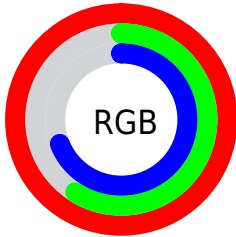
Format	Color
R _Y B	255, 151, 175
Decimal	16750511
CIE Lab	73.86, 41.69, 4.47
CIE LCh	74, 41.929, 6.114
Yxy	46.4884, 0.3927, 0.3040
Android (android.graphics.Color)	4294940591 (0xFFFF97AF)
YUV	184.8320, -4.8472, 61.5373
Hunter-Lab	68.1824, 37.8759, 7.4089

Details

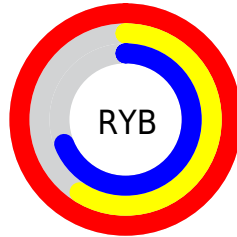
The XYZ color **60.0445, 46.4884, 46.3659** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.9484, 83.8698, 88.4764**, and the grayscale version is **46.0269, 48.4239, 52.7336**.

A 20% lighter version of the original color is **77.8358, 71.5988, 84.5805**, and **30.7078, 21.9012, 21.3478** is the 20% darker color. If you saturate the color by 10%, you get **54.5867, 38.4354, 35.7217**, and if you desaturate by 10%, it is **66.6720, 56.4327, 58.7819**.

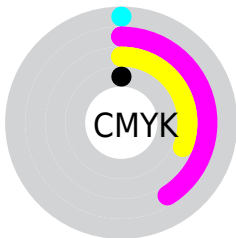
Distribution



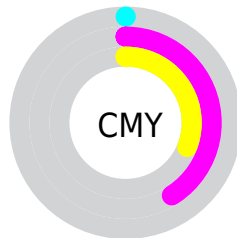
- Red (100%)
- Green (59%)
- Blue (69%)



- Red (100%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0445, 46.4884, 46.3659 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 60.0445, 46.4884, 46.3659 by changing the saturation by 10% instead.


 60.0445, 46.4884,
46.3659


 60.0445, 46.4884,
46.3659


414.5939,
372.7687, 388.5980

 43.7041, 32.6314,
32.1839


 104.0002, 84.9495,
86.1064

 30.6349, 21.8442,
21.2360


 132.3462,
110.3223, 112.5019

 20.4714, 13.7425,
13.1037


165.4248,
140.3026, 143.8058

 12.8484, 7.9418,
7.3684

203.6013,
175.2746, 180.4364

 7.4005, 4.0577,
3.6116

247.2411,
215.6229, 222.8124

 3.7624, 1.7059,
1.4148

296.7096,

 1.5686, 0.4275,

261.7317, 271.3523

0.1532

352.3721,
313.9855, 326.4747

■ 0.3718, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0445, 46.4884,
46.3659

■ 60.0445, 46.4884,
46.3659

■ 54.5867, 38.4354,
35.7217

■ 66.6720, 56.4327,
58.7819

■ 50.2253, 32.1467,
26.7640

■ 74.5297, 68.3713,
73.0439

■ 46.8840, 27.4900,
19.4043

■ 83.6777, 82.4078,
89.2252

■ 44.4747, 24.3116,
13.5445

■ 94.1716, 98.6366,
107.3942

■ 42.8932, 22.4278, 95.0500, 100.0000,
9.0744 108.9000

■ 42.0252, 21.5741,
6.0646

Harmonies

Analogous

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



58.6478, 46.4884, 69.1485



60.0445, 46.4884, 46.3659



56.8213, 46.4884, 30.0544

Triad

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



60.0445, 46.4884, 46.3659



36.2565, 46.4884, 24.1481



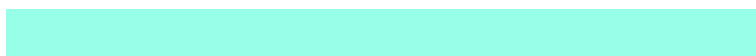
38.6264, 46.4884, 98.2591

Complementary

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



60.0445, 46.4884, 46.3659



62.9484, 83.8698, 88.4764

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.



33.5779, 46.4884, 78.9085



60.0445, 46.4884, 46.3659



32.3212, 46.4884, 35.7344

Square

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



60.0445, 46.4884, 46.3659



42.6751, 46.4884, 19.7651



31.3986, 46.4884, 55.1224



45.7318, 46.4884, 103.4618

Rectangle

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



60.0445, 46.4884, 46.3659



52.6788, 46.4884, 23.5928



31.3986, 46.4884, 55.1224



36.6585, 46.4884, 92.9720

Sweetspot

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



60.0457, 46.4906, 46.3668



82.4922, 80.5821, 87.1487



61.9872, 46.3003, 100.2775



17.3894, 16.8366, 18.1839



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.



60.0457, 46.4906, 46.3668



55.4768, 39.7376, 37.4922



62.8942, 55.6300, 36.7039



18.1810, 18.0557, 19.5705



22.0058, 11.2916, 3.4150



2.1823, 1.1153, 0.5414

Inverse Universe

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



60.0457, 46.4906, 46.3668



55.4768, 39.7376, 37.4922



58.3564, 68.8851, 104.8282



18.1810, 18.0557, 19.5705



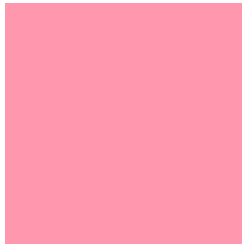
22.0058, 11.2916, 3.4150



2.1823, 1.1153, 0.5414

Previews

White Background



This preview shows how the XYZ color 60.0445, 46.4884, 46.3659 looks on a white background.

Color Contrast Check

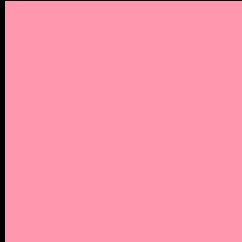
Large Text (above 18pt) WCAG AA × Fail

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 60.0445, 46.4884, 46.3659 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 60.0445, 46.4884, 46.3659

Background



This preview shows how black text looks on a background with the XYZ color 60.0445, 46.4884, 46.3659.



This preview shows how white text looks on a background with the XYZ color 60.0445, 46.4884,

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

60.0445, 46.4884, 46.3659

Protanopia

45.3297, 46.7986, 56.5131

Deuteranopia

47.7779, 46.8283, 45.0487



Tritanopia

58.9651, 46.5336, 40.9960

Trichromacy



Original Color

60.0445, 46.4884, 46.3659



Protanomaly

49.5321, 45.8499, 52.6937



Deuteranomaly

51.6965, 46.3040, 45.2426



Tritanomaly

59.1692, 46.3545, 42.8745

Monochromacy



Original Color

60.0445, 46.4884, 46.3659



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.8624, 46.9250, 50.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0445, 46.4884, 46.3659 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, 151, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 175)  
}
```

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, 151, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.0445, 46.4884, 46.3659 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, 151, 175) }
```


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

```
.border{ border-color:rgb(255, 151, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 151, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 151, 175); box-shadow:4px 4px 4px 4px rgb(255, 151, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0445, 46.4884, 46.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 175) }
```

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

```
.background{ background-color: rgb(255,  
151, 175) }
```

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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