

Converting Colors

XYZ(61.5776, 46.9357, 54.9511)

Have a look what the booklet for
XYZ(61.5776, 46.9357, 54.9511)
contains.

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Color

**XYZ(61.5503, 46.8343,
55.0861)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96BF
RGB	255, 150, 191
RGB Percent	100%, 59%, 75%
CMY	0.0000, 0.4117, 0.2510
CMYK	0.00, 0.41, 0.25, 0.00
HSL	337°, 100%, 79%
HSV	337°, 41%, 100%
XYZ	61.5503, 46.8343, 55.0861
YIQ	186.0690, 49.4190, 35.0110

Conversions

Conversions Part 2

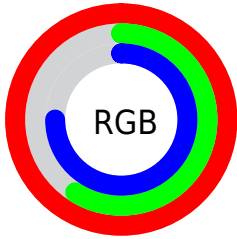
Format	Color
R_{YB}	255, 150, 191
Decimal	16750271
CIE _{Lab}	74.08, 44.29, -4.05
CIE _{LCh}	74, 44.474, 354.778
Yxy	46.8343, 0.3765, 0.2865
Android (android.graphics.Color)	4294940351 (0xFFFF96BF)
YUV	186.0690, 2.4310, 60.4525
Hunter-Lab	68.4356, 40.7789, 0.1804

Details

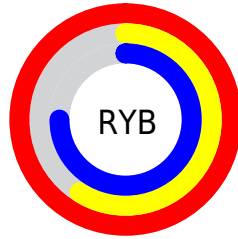
The XYZ color **61.5503, 46.8343, 55.0861** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.4773, 82.8600, 76.4283**, and the grayscale version is **46.6794, 49.1104, 53.4812**.

A 20% lighter version of the original color is **80.0998, 72.1180, 97.6941**, and **31.6271, 22.1201, 26.6474** is the 20% darker color. If you saturate the color by 10%, you get **56.2942, 38.9158, 45.3378**, and if you desaturate by 10%, it is **67.8757, 56.6004, 66.0875**.

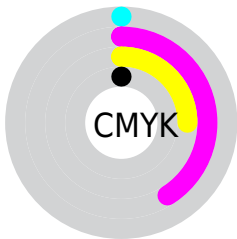
Distribution



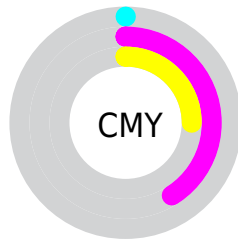
- Red (100%)
- Green (59%)
- Blue (75%)



- Red (100%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5503, 46.8343, 55.0861 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 61.5503, 46.8343, 55.0861 by changing the saturation by 10% instead.

 61.5503, 46.8343,
55.0861


 61.5503, 46.8343,
55.0861


420.0326,
374.1527, 423.5294

 44.9237, 32.9047,
39.0716

 106.1689, 85.4662,
99.1395

 31.5983, 22.0534,
26.5072


 134.8916,
110.9373, 128.0155

 21.2089, 13.8962,
16.9743


168.3771,
141.0244, 162.0157

 13.3901, 8.0485,
10.0544

206.9906,
176.1118, 201.5587

 7.7766, 4.1260,
5.3290

251.0975,
216.5839, 247.0631

 4.0029, 1.7443,
2.3794

301.0633,

 1.7038, 0.4521,

262.8252, 298.9472

0.7752

357.2532,
315.2200, 357.6298

■ 0.4586, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5503, 46.8343,
55.0861

■ 61.5503, 46.8343,
55.0861

■ 56.2942, 38.9158,
45.3378

■ 67.8757, 56.6004,
66.0875

■ 52.0401, 32.7200,
36.7909

■ 75.3249, 68.3151,
78.3853

■ 48.7184, 28.1169,
29.3935

■ 83.9529, 82.0802,
92.0239

■ 46.2482, 24.9548,
23.0877

■ 93.8101, 97.9881,
107.0444

■ 44.5333, 23.0520, 95.0500, 100.0000,
17.8087 108.9000

■ 43.5192, 22.1717,
13.9320

Harmonies

Analogous

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



58.2157, 46.8343, 80.6612



61.5503, 46.8343, 55.0861



59.8964, 46.8343, 34.7504

Triad

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



61.5503, 46.8343, 55.0861



38.4068, 46.8343, 20.6659



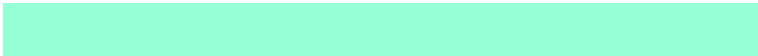
36.2628, 46.8343, 95.8045

Complementary

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



61.5503, 46.8343, 55.0861



60.4773, 82.8600, 76.4283

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.



32.0212, 46.8343, 71.6454



61.5503, 46.8343, 55.0861



33.1518, 46.8343, 29.6727

Square

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



61.5503, 46.8343, 55.0861



45.9212, 46.8343, 18.6278



30.9537, 46.8343, 47.1109



43.1370, 46.8343, 108.2405

Rectangle

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



61.5503, 46.8343, 55.0861



56.2787, 46.8343, 25.9441



30.9537, 46.8343, 47.1109



34.5160, 46.8343, 88.4915

Sweetspot

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



61.5515, 46.8365, 55.0870



83.1942, 80.8629, 90.8453



56.3988, 43.1814, 99.9700



17.5538, 16.9024, 19.0499



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.



61.5515, 46.8365, 55.0870



57.3494, 40.4866, 47.3531



59.4043, 48.7797, 35.1415



18.3030, 18.1045, 20.2128



22.8076, 11.6123, 7.6374



2.2724, 1.1513, 1.0160

Inverse Universe

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



61.5515, 46.8365, 55.0870



57.3494, 40.4866, 47.3531



63.1305, 78.7078, 106.4725



18.3030, 18.1045, 20.2128



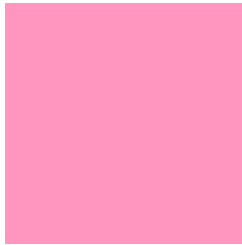
22.8076, 11.6123, 7.6374



2.2724, 1.1513, 1.0160

Previews

White Background



This preview shows how the XYZ color 61.5503, 46.8343, 55.0861 looks on a white background.

Color Contrast Check

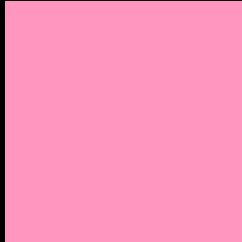
Large Text (above 18pt) WCAG AA × Fail

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 61.5503, 46.8343, 55.0861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

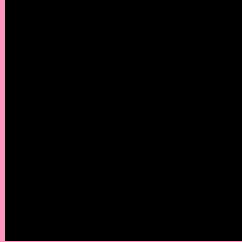
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5503, 46.8343, 55.0861

Background



This preview shows how black text looks on a background with the XYZ color 61.5503, 46.8343, 55.0861.



This preview shows how white text looks on a background with the XYZ color 61.5503, 46.8343,

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

61.5503, 46.8343, 55.0861

Protanopia

46.2882, 47.0480, 67.6143

Deuteranopia

47.8738, 46.9952, 53.0021



Tritanopia

58.7492, 46.8913, 42.0309

Trichromacy



Original Color

61.5503, 46.8343, 55.0861



Protanomaly

50.3311, 46.0404, 62.7339



Deuteranomaly

52.1092, 46.3283, 53.7728



Tritanomaly

59.6371, 46.7603, 46.4399

Monochromacy



Original Color

61.5503, 46.8343, 55.0861



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.8846, 47.3669, 54.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5503, 46.8343, 55.0861 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, 150, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 191)  
}
```

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, 150, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 191) }
```

Border

The CSS property to change the border of an element to XYZ 61.5503, 46.8343, 55.0861 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, 150, 191) }
```


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

```
.border{ border-color:rgb(255, 150, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5503, 46.8343, 55.0861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 191) }
```

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

```
.background{ background-color: rgb(255,  
150, 191) }
```

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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