

Converting Colors

XYZ(93.0496, 62.3580, 42.6247)

Have a look what the booklet for
XYZ(93.0496, 62.3580, 42.6247)
contains.

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Color

**XYZ(58.3104, 44.5344,
41.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92A5
RGB	255, 146, 165
RGB Percent	100%, 57%, 65%
CMY	0.0000, 0.4274, 0.3529
CMYK	0.00, 0.43, 0.35, 0.00
HSL	350°, 100%, 79%
HSV	350°, 43%, 100%
XYZ	58.3104, 44.5344, 41.1200
YIQ	180.7570, 58.8650, 29.0170

Conversions

Conversions Part 2

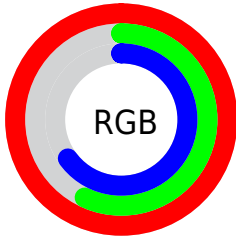
Format	Color
R_{YB}	255, 146, 165
Decimal	16749221
CIE _{Lab}	72.58, 43.02, 8.17
CIE _{LCh}	73, 43.793, 10.748
Yxy	44.5344, 0.4050, 0.3093
Android (android.graphics.Color)	4294939301 (0xFFFF92A5)
YUV	180.7570, -7.7682, 65.1111
Hunter-Lab	66.7341, 39.1837, 10.1808

Details

The XYZ color **58.3104, 44.5344, 41.1200** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7565, 83.6881, 92.2073**, and the grayscale version is **43.8093, 46.0908, 50.1929**.

A 20% lighter version of the original color is **75.2788, 68.6684, 76.9968**, and **29.4007, 20.6231, 18.0538** is the 20% darker color. If you saturate the color by 10%, you get **53.0474, 36.8272, 30.6759**, and if you desaturate by 10%, it is **64.7679, 54.1254, 53.5199**.

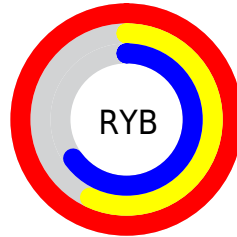
Distribution



Red (100%)

Green (57%)

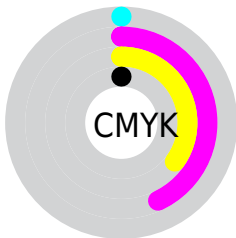
Blue (65%)



Red (100%)

Yellow (57%)

Blue (65%)

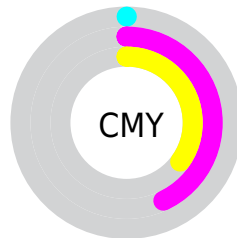


Cyan (0%)

Magenta (43%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3104, 44.5344, 41.1200 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 58.3104, 44.5344, 41.1200 by changing the saturation by 10% instead.


 58.3104, 44.5344,
41.1200


 58.3104, 44.5344,
41.1200


408.2768,
364.8846, 366.5134

 42.3025, 31.0909,
28.0925


 101.4951, 82.0213,
78.1217

 29.5304, 20.6680,
18.1557


 129.4026,
106.8334, 102.9329

 19.6287, 12.8816,
10.8912


162.0073,
136.2039, 132.5091

 12.2321, 7.3470,
5.8805

199.6746,
170.5170, 167.2687

 6.9753, 3.6801,
2.7049

242.7699,
210.1573, 207.6305

 3.4928, 1.4963,
0.9459

291.6584,

 1.4194, 0.2861,

255.5090, 254.0128

0.0000

346.7056,
306.9566, 306.8343

■ 0.2700, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3104, 44.5344,
41.1200

■ 58.3104, 44.5344,
41.1200

■ 53.0474, 36.8272,
30.6759

■ 64.7679, 54.1254,
53.5199

■ 48.9010, 30.8730,
22.0841

■ 72.4842, 65.7063,
67.9664

■ 45.7894, 26.5349,
15.2352

■ 81.5233, 79.3832,
84.5480

■ 43.6178, 23.6526,
10.0072

■ 91.9437, 95.2528,
103.3469

■ 42.2728, 22.0325, 95.0500, 100.0000,
6.2609 108.9000

■ 41.7029, 21.4452,
4.3676

Harmonies

Analogous

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



57.6211, 44.5344, 63.5846



58.3104, 44.5344, 41.1200



54.3489, 44.5344, 26.0417

Triad

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



58.3104, 44.5344, 41.1200



33.5158, 44.5344, 23.2577



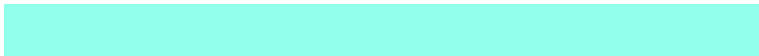
37.7058, 44.5344, 99.4909

Complementary

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



58.3104, 44.5344, 41.1200



62.7565, 83.6881, 92.2073

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.



32.2258, 44.5344, 81.1306



58.3104, 44.5344, 41.1200



30.0138, 44.5344, 35.9966

Square

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



58.3104, 44.5344, 41.1200



39.6701, 44.5344, 17.9709



29.5715, 44.5344, 56.6927



45.1033, 44.5344, 102.0980

Rectangle

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



58.3104, 44.5344, 41.1200



49.8518, 44.5344, 20.4430



29.5715, 44.5344, 56.6927



35.6032, 44.5344, 94.7462

Sweetspot

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



58.3116, 44.5366, 41.1209



81.2733, 79.0036, 84.0932



62.5969, 45.4452, 100.0803



16.9455, 16.2269, 17.1785



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.



58.3116, 44.5366, 41.1209



53.8820, 38.0405, 32.3595



62.8556, 56.1890, 34.7298



18.1386, 18.0387, 19.3468



21.8279, 11.2205, 2.4784



2.1592, 1.1060, 0.4196

Inverse Universe

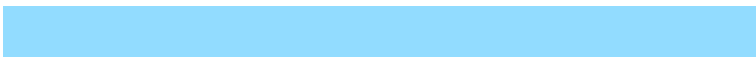
The Inverse Universe completely reimagines the original color for something new.



58.3116, 44.5366, 41.1209



53.8820, 38.0405, 32.3595



55.6262, 64.7733, 104.1784



18.1386, 18.0387, 19.3468



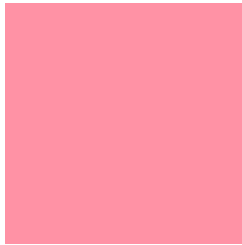
21.8279, 11.2205, 2.4784



2.1592, 1.1060, 0.4196

Previews

White Background



This preview shows how the XYZ color 58.3104, 44.5344, 41.1200 looks on a white background.

Color Contrast Check

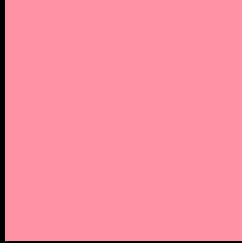
Large Text (above 18pt) WCAG AA × Fail

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 58.3104, 44.5344, 41.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

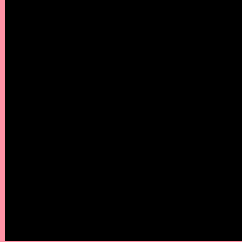
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3104, 44.5344, 41.1200

Background



This preview shows how black text looks on a background with the XYZ color 58.3104, 44.5344, 41.1200.



This preview shows how white text looks on a background with the XYZ color 58.3104, 44.5344,

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

58.3104, 44.5344, 41.1200

Protanopia

43.2900, 44.9630, 51.1968

Deuteranopia

45.4548, 44.5997, 39.4706



Tritanopia

57.4783, 44.4069, 37.8897

Trichromacy



Original Color

58.3104, 44.5344, 41.1200



Protanomaly

47.2048, 43.6724, 47.0160



Deuteranomaly

49.4376, 44.1752, 40.1034



Tritanomaly

57.7398, 44.5115, 39.2666

Monochromacy



Original Color

58.3104, 44.5344, 41.1200



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.7529, 44.5103, 46.6319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3104, 44.5344, 41.1200 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, 146, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 165)  
}
```

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, 146, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 165) }
```

Border

The CSS property to change the border of an element to XYZ 58.3104, 44.5344, 41.1200 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, 146, 165) }
```


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

```
.border{ border-color:rgb(255, 146, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3104, 44.5344, 41.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 165) }
```

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

```
.background{ background-color: rgb(255,  
146, 165) }
```

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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