

Converting Colors

XYZ(57.9446, 46.0346, 34.1177)

Have a look what the booklet for
XYZ(57.9446, 46.0346, 34.1177)
contains.

XYZ(57.8931, 45.8864, 34.2394)	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(57.8931, 45.8864,
34.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9895
RGB	255, 152, 149
RGB Percent	100%, 60%, 58%
CMY	0.0000, 0.4039, 0.4157
CMYK	0.00, 0.40, 0.42, 0.00
HSL	2°, 100%, 79%
HSV	2°, 42%, 100%
XYZ	57.8931, 45.8864, 34.2394
YIQ	182.4550, 62.3510, 20.9030

Conversions

Conversions Part 2

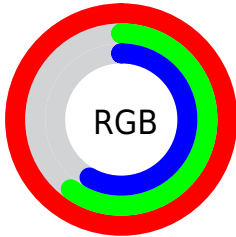
Format	Color
R_{YB}	255, 152, 149
Decimal	16750741
CIE _{Lab}	73.47, 38.18, 18.26
CIE _{LCh}	73, 42.324, 25.555
Yxy	45.8864, 0.4195, 0.3325
Android (android.graphics.Color)	4294940821 (0xFFFF9895)
YUV	182.4550, -16.4933, 63.6220
Hunter-Lab	67.7395, 34.0097, 17.4491

Details

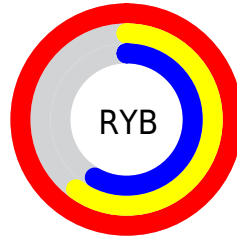
The XYZ color **57.8931, 45.8864, 34.2394** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.2532, 83.2268, 107.2329**, and the grayscale version is **44.7761, 47.1079, 51.3005**.

A 20% lighter version of the original color is **74.3323, 70.1974, 66.1316**, and **29.1721, 21.4076, 14.1498** is the 20% darker color. If you saturate the color by 10%, you get **52.4657, 37.9409, 23.4619**, and if you desaturate by 10%, it is **64.6084, 55.6945, 47.6459**.

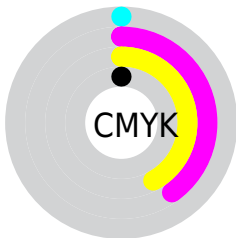
Distribution



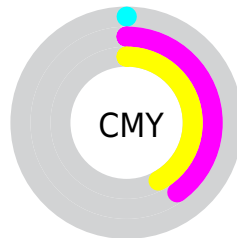
- Red (100%)
- Green (60%)
- Blue (58%)



- Red (100%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8931, 45.8864, 34.2394 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 57.8931, 45.8864, 34.2394 by changing the saturation by 10% instead.


 57.8931, 45.8864,
34.2394


 57.8931, 45.8864,
34.2394


406.7478,
370.3518, 335.9999

 41.9656, 32.1562,
22.7987

 100.8910, 84.0490,
67.4439

 29.2654, 21.4808,
14.2411


 128.6922,
109.2501, 90.0449

 19.4270, 13.4759,
8.1479


161.1820,
139.0437, 117.2030

 12.0850, 7.7571,
4.1006

198.7258,
173.8141, 149.3368

 6.8742, 3.9399,
1.6807

241.6889,
213.9457, 186.8648

 3.4292, 1.6400,
0.3474

290.4367,

 1.3846, 0.3843,

259.8229, 230.2057

0.0000

345.3345,
311.8301, 279.7779

■ 0.2452, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8931, 45.8864,
34.2394

■ 57.8931, 45.8864,
34.2394

■ 52.4657, 37.9409,
23.4619

■ 64.6084, 55.6945,
47.6459

■ 48.2407, 31.7339,
15.1382

■ 72.6831, 67.4654,
63.8356

■ 45.1276, 27.1373,
9.0765

■ 82.1873, 81.3001,
82.9539

■ 43.0216, 24.0023,
5.0549

■ 93.1857, 97.2910,
105.1353

■ 41.7982, 22.1523, 95.0500, 100.0000,
2.8069 108.9000

■ 41.3185, 21.4170,
1.9562

Harmonies

Analogous

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



59.5532, 45.8864, 53.2179



57.8931, 45.8864, 34.2394



52.2500, 45.8864, 23.1435

Triad

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



57.8931, 45.8864, 34.2394



32.8114, 45.8864, 30.1252



42.5102, 45.8864, 103.2003

Complementary

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



57.8931, 45.8864, 34.2394



65.2532, 83.2268, 107.2329

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.



35.9856, 45.8864, 92.1280



57.8931, 45.8864, 34.2394



30.8069, 45.8864, 46.8426

Square

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



57.8931, 45.8864, 34.2394



37.7080, 45.8864, 21.2874



31.8994, 45.8864, 69.8848



50.1058, 45.8864, 97.0042

Rectangle

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



57.8931, 45.8864, 34.2394



47.2945, 45.8864, 19.7825



31.8994, 45.8864, 69.8848



40.1289, 45.8864, 101.3041

Sweetspot

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



57.8943, 45.8887, 34.2403



81.7465, 80.6589, 82.0660



69.7545, 49.8620, 99.0714



17.2153, 16.8543, 16.9980



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.



57.8943, 45.8887, 34.2403



53.2353, 39.0690, 24.9852



68.2025, 66.5051, 37.6763



18.0507, 18.0695, 18.6807



21.6077, 11.2265, 1.0281



2.1178, 1.1209, 0.1047

Inverse Universe

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



65.2532, 83.2268, 107.2329



61.4945, 81.0053, 107.0022



51.1531, 55.0266, 102.5329



18.5081, 20.3878, 23.2097



26.9539, 38.8174, 55.5065



2.6378, 3.8063, 5.4089

Previews

White Background



This preview shows how the XYZ color 57.8931, 45.8864, 34.2394 looks on a white background.

Color Contrast Check

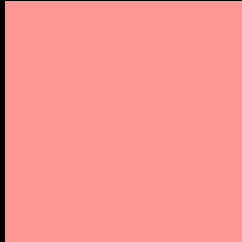
Large Text (above 18pt) WCAG AA × Fail

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 57.8931, 45.8864, 34.2394 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 57.8931, 45.8864, 34.2394

Background



This preview shows how black text looks on a background with the XYZ color 57.8931, 45.8864, 34.2394.



This preview shows how white text looks on a background with the XYZ color 57.8931, 45.8864,

34.2394.

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

57.8931, 45.8864, 34.2394

Protanopia

43.6712, 45.9782, 41.2233

Deuteranopia

47.1109, 46.1653, 33.2159



Tritanopia

58.8282, 46.0019, 39.9611

Trichromacy



Original Color

57.8931, 45.8864, 34.2394

Protanomaly

47.6977, 45.2151, 38.5612

Deuteranomaly

50.5031, 45.6787, 33.3492

Tritanomaly

58.3924, 45.8275, 37.6663

Monochromacy



Original Color

57.8931, 45.8864, 34.2394

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

48.1131, 45.5834, 44.2929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8931, 45.8864, 34.2394 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, 152, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 149)  
}
```

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, 152, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 149) }
```

Border

The CSS property to change the border of an element to XYZ 57.8931, 45.8864, 34.2394 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, 152, 149) }
```


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

```
.border{ border-color:rgb(255, 152, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8931, 45.8864, 34.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 149) }
```

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

```
.background{ background-color: rgb(255,  
152, 149) }
```

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