

Converting Colors

XYZ(56.3472, 43.8710, 30.4058)

Have a look what the booklet for
XYZ(56.3472, 43.8710, 30.4058)
contains.

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Color

**XYZ(56.4073, 44.0209,
30.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	FF938C
RGB	255, 147, 140
RGB Percent	100%, 58%, 55%
CMY	0.0000, 0.4235, 0.4510
CMYK	0.00, 0.42, 0.45, 0.00
HSL	4°, 100%, 77%
HSV	4°, 45%, 100%
XYZ	56.4073, 44.0209, 30.3348
YIQ	178.4940, 66.6150, 20.7190

Conversions

Conversions Part 2

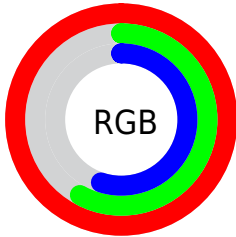
Format	Color
RYB	255, 147, 140
Decimal	16749452
CIELab	72.24, 39.82, 21.52
CIElCh	72, 45.266, 28.383
Yxy	44.0209, 0.4314, 0.3366
Android (android.graphics.Color)	4294939532 (0xFFFF938C)
YUV	178.4940, -18.9775, 67.0958
Hunter-Lab	66.3482, 35.6459, 19.3360

Details

The XYZ color **56.4073, 44.0209, 30.3348** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.4307, 79.9262, 106.7443**, and the grayscale version is **42.6526, 44.8739, 48.8677**.

A 20% lighter version of the original color is **72.0981, 67.3961, 60.2477**, and **28.3538, 20.3457, 12.1056** is the 20% darker color. If you saturate the color by 10%, you get **51.3963, 36.6673, 20.4382**, and if you desaturate by 10%, it is **62.6313, 53.1032, 42.7858**.

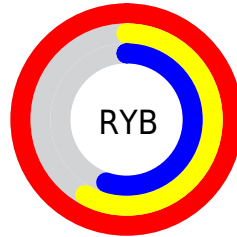
Distribution



Red (100%)

Green (58%)

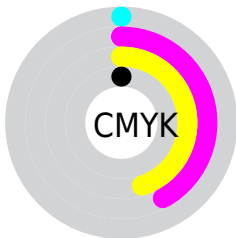
Blue (55%)



Red (100%)

Yellow (58%)

Blue (55%)

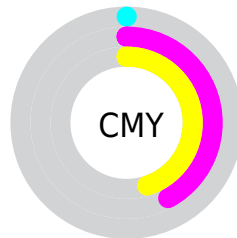


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4073, 44.0209, 30.3348 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 56.4073, 44.0209, 30.3348 by changing the saturation by 10% instead.


 56.4073, 44.0209,
30.3348


 56.4073, 44.0209,
30.3348


401.2748,
362.7936, 317.7177


 40.7679, 30.6869,
19.8386


 98.7362, 81.2492,
61.2585

 28.3246, 20.3606,
12.0949


 126.1564,
105.9123, 82.5231

 18.7122, 12.6574,
6.6850


 158.2342,
135.1206, 108.2143

 11.5653, 7.1931,
3.1905

195.3349,
169.2585, 138.7506

 6.5185, 3.5831,
1.1927

237.8240,
208.7103, 174.5505

 3.2065, 1.4432,
0.0000

286.0668,

 1.2639, 0.2483,

253.8605, 216.0327

0.0000

340.4286,
305.0935, 263.6155

■ 0.1559, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4073, 44.0209,
30.3348

■ 56.4073, 44.0209,
30.3348

■ 51.3963, 36.6673,
20.4382

■ 62.6313, 53.1032,
42.7858

■ 47.5158, 30.9266,
12.9165

■ 70.1367, 64.0070,
57.9488

■ 44.6786, 26.6794,
7.5712

■ 78.9909, 76.8267,
75.9716

■ 42.7833, 23.7870,
4.1702

■ 89.2556, 91.6481,
96.9907

■ 41.7076, 22.0843,
2.4286

95.0499, 99.9999,
108.9000

■ 41.4183, 21.6169,
1.9895

Harmonies

Analogous

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



58.6198, 44.0209, 49.1486



56.4073, 44.0209, 30.3348



50.1706, 44.0209, 19.9500

Triad

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



56.4073, 44.0209, 30.3348



30.3651, 44.0209, 28.8194



41.4204, 44.0209, 104.6763

Complementary

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



56.4073, 44.0209, 30.3348



62.4307, 79.9262, 106.7443

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.



34.4877, 44.0209, 94.3739



56.4073, 44.0209, 30.3348



28.6141, 44.0209, 46.7342

Square

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



56.4073, 44.0209, 30.3348



35.1335, 44.0209, 19.2846



30.0260, 44.0209, 71.2805



49.3510, 44.0209, 96.2830

Rectangle

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



56.4073, 44.0209, 30.3348



44.9213, 44.0209, 17.0516



30.0260, 44.0209, 71.2805



38.9039, 44.0209, 103.2365

Sweetspot

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



56.4084, 44.0231, 30.3356



80.0478, 78.3544, 78.1300



67.7560, 46.8716, 95.3028



16.6924, 16.1333, 15.8222



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.



56.4084, 44.0231, 30.3356



51.8898, 37.3938, 21.4051



67.3886, 65.9836, 33.9957



18.0982, 18.1645, 18.6966



21.6761, 11.3634, 1.0509



2.1403, 1.1659, 0.1122

Inverse Universe

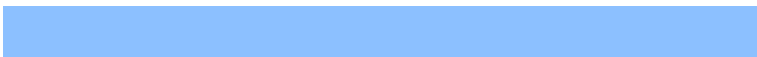
The Inverse Universe completely reimagines the original color for something new.



62.4307, 79.9262, 106.7443



58.5683, 77.3063, 106.4425



47.6602, 50.3853, 101.8208



18.4545, 20.2806, 23.1918



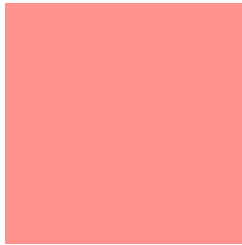
25.6718, 36.2531, 55.0791



2.5272, 3.5850, 5.3721

Previews

White Background



This preview shows how the XYZ color 56.4073, 44.0209, 30.3348 looks on a white background.

Color Contrast Check

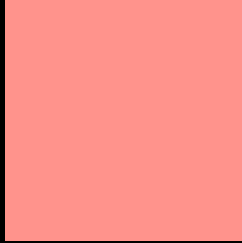
Large Text (above 18pt) WCAG AA × Fail

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 56.4073, 44.0209, 30.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

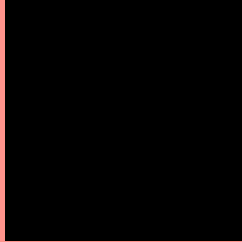
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4073, 44.0209, 30.3348

Background



This preview shows how black text looks on a background with the XYZ color 56.4073, 44.0209, 30.3348.



This preview shows how white text looks on a background with the XYZ color 56.4073, 44.0209,

30.3348.

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

56.4073, 44.0209, 30.3348

Protanopia

41.8882, 44.2499, 37.3437

Deuteranopia

45.1132, 44.0823, 29.4236



Tritanopia

57.3661, 43.9111, 36.9047

Trichromacy



Original Color

56.4073, 44.0209, 30.3348

Protanomaly

46.0052, 43.3233, 34.7917

Deuteranomaly

48.7997, 43.8156, 29.5521

Tritanomaly

57.0239, 44.0198, 34.3453

Monochromacy



Original Color

56.4073, 44.0209, 30.3348

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.9732, 43.4396, 41.0836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4073, 44.0209, 30.3348 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, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 140)  
}
```

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, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 140) }
```

Border

The CSS property to change the border of an element to XYZ 56.4073, 44.0209, 30.3348 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, 147, 140) }
```


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

```
.border{ border-color:rgb(255, 147, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 147, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4073, 44.0209, 30.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 140) }
```

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

```
.background{ background-color: rgb(255,  
147, 140) }
```

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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