

Converting Colors

XYZ(55.4929, 44.1562, 30.8735)

Have a look what the booklet for
XYZ(55.4929, 44.1562, 30.8735)
contains.

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Color

**XYZ(55.4977, 44.2450,
30.8144)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FB968D |
| RGB | 251, 150, 141 |
| RGB Percent | 98%, 59%, 55% |
| CMY | 0.0157, 0.4117, 0.4471 |
| CMYK | 0.00, 0.40, 0.44, 0.02 |
| HSL | 5°, 93%, 77% |
| HSV | 5°, 44%, 98% |
| XYZ | 55.4977, 44.2450, 30.8144 |
| YIQ | 179.1730, 63.0850, 18.6130 |

Conversions

Conversions Part 2

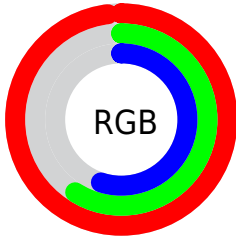
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 151, 141 |
| Decimal | 16488077 |
| CIE Lab | 72.39, 36.91, 21.09 |
| CIE LCh | 72, 42.511, 29.744 |
| Yxy | 44.2450, 0.4251, 0.3389 |
| Android (android.graphics.Color) | 4294678157 (0xFFFB968D) |
| YUV | 179.1730, -18.8193, 62.9923 |
| Hunter-Lab | 66.5169, 32.5250, 19.0954 |

Details

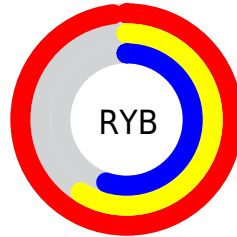
The XYZ color **55.4977, 44.2450, 30.8144** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1476, 76.1285, 102.7907**, and the grayscale version is **43.0148, 45.2549, 49.2825**.

A 20% lighter version of the original color is **72.9216, 68.8628, 61.0782**, and **27.6489, 20.3811, 12.3742** is the 20% darker color. If you saturate the color by 10%, you get **50.5147, 36.9368, 20.9600**, and if you desaturate by 10%, it is **61.6293, 53.1731, 43.1403**.

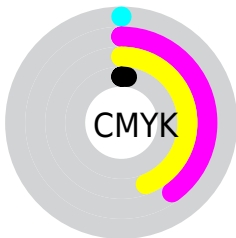
Distribution



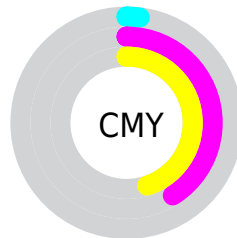
- Red (98%)
- Green (59%)
- Blue (55%)



- Red (98%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4977, 44.2450, 30.8144 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 55.4977, 44.2450, 30.8144 by changing the saturation by 10% instead.

 55.4977, 44.2450,
30.8144

 55.4977, 44.2450,
30.8144


397.9016,
363.7071, 320.0070


 40.0358, 30.8632,
20.2003

 97.4139, 81.5863,
62.0239

 27.7508, 20.4947,
12.3552


 124.5988,
106.3145, 83.4563

 18.2774, 12.7551,
6.8606


 156.4221,
135.5937, 109.3320

 11.2502, 7.2601,
3.2979

193.2491,
169.8082, 140.0694

 6.3039, 3.6253,
1.2487

235.4452,
209.3423, 176.0870

 3.0732, 1.4663,
0.0192

283.3757,

 1.1926, 0.2648,

254.5806, 217.8035

0.0000

337.4061,
305.9074, 265.6373

■ 0.1005, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4977, 44.2450,
30.8144

■ 55.4977, 44.2450,
30.8144

■ 50.5147, 36.9368,
20.9600

■ 61.6293, 53.1731,
43.1403

■ 46.6053, 31.1450,
13.4079

■ 68.9715, 63.8032,
58.0864

■ 43.6911, 26.7649,
7.9716

■ 77.5858, 76.2198,
75.7927

■ 41.6812, 23.6752,
4.4345

■ 87.5285, 90.4997,
96.3885

■ 40.4680, 21.7344,
2.5332

■ 93.5936, 99.2492,
108.8318

■ 40.0435, 21.0291,
1.9485

Harmonies

Analogous

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



57.7589, 44.2450, 48.3553



55.4977, 44.2450, 30.8144



49.5523, 44.2450, 21.0690

Triad

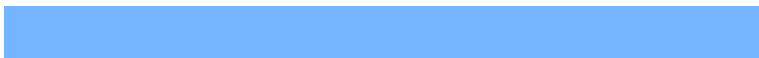
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.4977, 44.2450, 30.8144



31.0286, 44.2450, 30.5838



41.9908, 44.2450, 100.7797

Complementary

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



55.4977, 44.2450, 30.8144



60.1476, 76.1285, 102.7907

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.



35.3522, 44.2450, 92.0624



55.4977, 44.2450, 30.8144



29.4893, 44.2450, 47.9957

Square

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



55.4977, 44.2450, 30.8144



35.4492, 44.2450, 20.9655



30.9774, 44.2450, 71.0722



49.4311, 44.2450, 92.3396

Rectangle

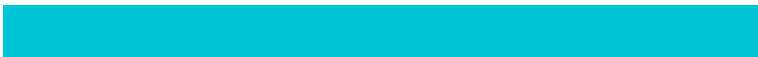
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.4977, 44.2450, 30.8144



44.6098, 44.2450, 18.3977



30.9774, 44.2450, 71.0722



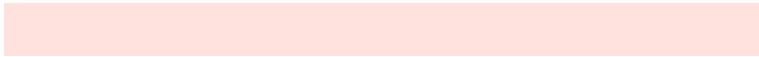
39.5968, 44.2450, 99.7305

Sweetspot

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



55.4988, 44.2472, 30.8152



81.2122, 80.1409, 80.1903



65.5871, 46.0707, 90.7584



16.9303, 16.5025, 16.2305



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.



55.4988, 44.2472, 30.8152



52.7259, 38.8222, 22.4361



66.0262, 65.3020, 34.3244



17.3588, 17.4534, 17.9163



21.0892, 11.1350, 1.0377



1.9912, 1.1072, 0.1088

Inverse Universe

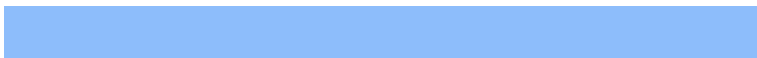
The Inverse Universe completely reimagines the original color for something new.



60.1476, 76.1285, 102.7907



58.1061, 75.8646, 106.1886



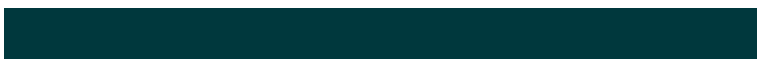
46.5233, 48.8800, 98.2493



17.6371, 19.3511, 22.1908



24.1445, 33.6445, 53.1950



2.2711, 3.1858, 4.9384

Previews

White Background



This preview shows how the XYZ color 55.4977, 44.2450, 30.8144 looks on a white background.

Color Contrast Check

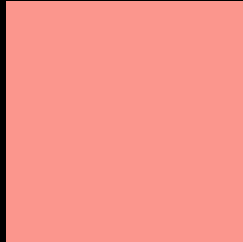
Large Text (above 18pt) WCAG AA × Fail

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 55.4977, 44.2450, 30.8144 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 55.4977, 44.2450, 30.8144

Background



This preview shows how black text looks on a background with the XYZ color 55.4977, 44.2450, 30.8144.



This preview shows how white text looks on a background with the XYZ color 55.4977, 44.2450,

30.8144.

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

55.4977, 44.2450, 30.8144

Protanopia

42.0484, 44.3422, 36.9146

Deuteranopia

45.3728, 44.4873, 29.8624



Tritanopia

56.7502, 44.0315, 37.8556

Trichromacy



Original Color

55.4977, 44.2450, 30.8144

Protanomaly

45.8219, 43.5090, 34.4168

Deuteranomaly

48.4251, 43.8767, 29.9615

Tritanomaly

56.4023, 44.1423, 35.2533

Monochromacy



Original Color

55.4977, 44.2450, 30.8144

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.9710, 43.7010, 41.6095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4977, 44.2450, 30.8144 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(251, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(251, 150, 141)  
}
```

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(251, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 150, 141) }
```

Border

The CSS property to change the border of an element to XYZ 55.4977, 44.2450, 30.8144 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(251, 150, 141) }
```


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

```
.border{ border-color:rgb(251, 150, 141) }
```

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

Here you see how a box with a 4 pixel rgb(251, 150, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(251, 150,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4977, 44.2450, 30.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 150, 141) }
```

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

```
.background{ background-color: rgb(251,  
150, 141) }
```

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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