

Converting Colors

XYZ(54.6613, 41.5088, 31.3940)

Have a look what the booklet for
XYZ(54.6613, 41.5088, 31.3940)
contains.

| | |
|--|----|
| XYZ(54.5570, 41.4652, 31.5137) | 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(54.5570, 41.4652,
31.5137)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FC8C90 |
| RGB | 252, 140, 144 |
| RGB Percent | 99%, 55%, 56% |
| CMY | 0.0118, 0.4510, 0.4353 |
| CMYK | 0.00, 0.44, 0.43, 0.01 |
| HSL | 358°, 95%, 77% |
| HSV | 358°, 44%, 99% |
| XYZ | 54.5570, 41.4652, 31.5137 |
| YIQ | 173.9440, 65.4680, 24.9880 |

Conversions

Conversions Part 2

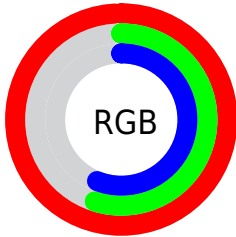
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 252, 140, 144 |
| Decimal | 16551056 |
| CIE _{Lab} | 70.50, 42.69, 16.84 |
| CIE _{LCh} | 71, 45.890, 21.534 |
| Yxy | 41.4652, 0.4278, 0.3251 |
| Android (android.graphics.Color) | 4294741136 (0xFFFC8C90) |
| YUV | 173.9440, -14.7624, 68.4551 |
| Hunter-Lab | 64.3935, 38.5445, 16.0593 |

Details

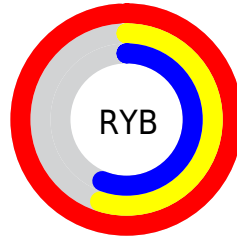
The XYZ color **54.5570, 41.4652, 31.5137** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5709, 81.9744, 101.3365**, and the grayscale version is **40.2543, 42.3507, 46.1199**.

A 20% lighter version of the original color is **70.9481, 64.3674, 62.1109**, and **27.1668, 18.8310, 12.7926** is the 20% darker color. If you saturate the color by 10%, you get **49.6256, 34.2617, 21.6716**, and if you desaturate by 10%, it is **60.7334, 50.5189, 43.7438**.

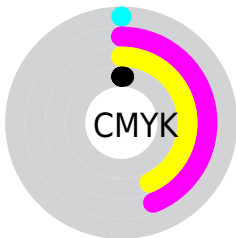
Distribution



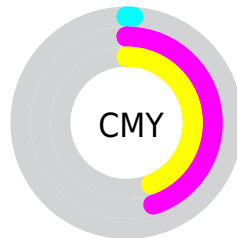
- Red (99%)
- Green (55%)
- Blue (56%)



- Red (99%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (44%)
- Yellow (43%)
- Black (1%)



- Cyan (1%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5570, 41.4652, 31.5137 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 54.5570, 41.4652, 31.5137 by changing the saturation by 10% instead.

54.5570, 41.4652,
31.5137

54.5570, 41.4652,
31.5137

394.3943,
352.2612, 323.3222

39.2796, 28.6828,
20.7286

96.0437, 77.3896,
63.1370

27.1590, 18.8410,
12.7364

122.9837,
101.3003, 84.8122

17.8299, 11.5554,
7.1187

154.5419,
129.6893, 110.9546

10.9269, 6.4417,
3.4569

191.0838,
162.9408, 141.9826

6.0846, 3.1155,
1.3324

232.9746,
201.4394, 178.3148

2.9377, 1.1923,
0.0881

280.5797,

1.1209, 0.0554,

245.5694, 220.3698

0.0000

334.2645,
295.7152, 268.5661

■ 0.0425, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5570, 41.4652,
31.5137

■ 54.5570, 41.4652,
31.5137

■ 49.6256, 34.2617,
21.6716

■ 60.7334, 50.5189,
43.7438

■ 45.8517, 28.7751,
14.0592

■ 68.2280, 61.5315,
58.5013

■ 43.1417, 24.8645,
8.5031

■ 77.1121, 74.6108,
75.9179

■ 41.3861, 22.3637,
4.8031

■ 87.4510, 89.8550,
96.1153

■ 40.4516, 21.0695,
2.7191

93.9548, 99.4354,
108.8487

■ 40.1941, 20.7151,
2.1380

Harmonies

Analogous

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



55.6286, 41.4652, 51.5666



54.5570, 41.4652, 31.5137



49.1745, 41.4652, 19.7470

Triad

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



54.5570, 41.4652, 31.5137



29.0800, 41.4652, 23.8690



37.3075, 41.4652, 100.1902

Complementary

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



54.5570, 41.4652, 31.5137



62.5709, 81.9744, 101.3365

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.



31.0345, 41.4652, 86.2737



54.5570, 41.4652, 31.5137



26.6988, 41.4652, 39.2865

Square

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



54.5570, 41.4652, 31.5137



34.3076, 41.4652, 16.4183



27.3655, 41.4652, 62.2389



44.9978, 41.4652, 96.0714

Rectangle

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



54.5570, 41.4652, 31.5137



44.2028, 41.4652, 16.0326



27.3655, 41.4652, 62.2389



34.9794, 41.4652, 97.3394

Sweetspot

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



54.5581, 41.4673, 31.5145



80.6451, 78.7524, 80.7851



65.0964, 45.4518, 97.4374



16.7928, 16.1658, 16.3745



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.



54.5581, 41.4673, 31.5145



51.6191, 36.1291, 23.5447



63.3800, 59.5912, 32.9754



17.2697, 17.2352, 18.0100



20.9488, 10.7952, 1.1728



1.9488, 1.0032, 0.1536

Inverse Universe

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



54.5581, 41.4673, 31.5145



51.6191, 36.1291, 23.5447



49.4146, 54.6594, 100.0412



17.2697, 17.2352, 18.0100



20.9488, 10.7952, 1.1728



1.9488, 1.0032, 0.1536

Previews

White Background



This preview shows how the XYZ color 54.5570, 41.4652, 31.5137 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 54.5570, 41.4652, 31.5137 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 54.5570, 41.4652, 31.5137

Background



This preview shows how black text looks on a background with the XYZ color 54.5570, 41.4652, 31.5137.



This preview shows how white text looks on a background with the XYZ color 54.5570, 41.4652,

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

54.5570, 41.4652, 31.5137

Protanopia

39.6881, 41.6268, 39.2007

Deuteranopia

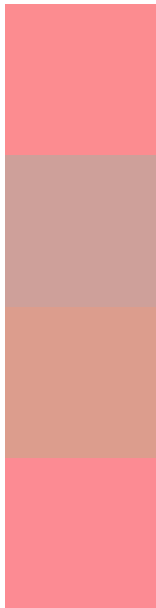
42.3838, 41.5540, 30.2130



Tritanopia

54.8023, 41.3306, 33.5230

Trichromacy



Original Color

54.5570, 41.4652, 31.5137

Protanomaly

43.8571, 40.5965, 36.0962

Deuteranomaly

46.3799, 41.2527, 30.7174

Tritanomaly

54.6440, 41.2673, 32.6891

Monochromacy



Original Color

54.5570, 41.4652, 31.5137

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.8883, 41.0416, 40.2590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5570, 41.4652, 31.5137 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(252, 140, 144)` looks like.

```
.text, #text, p{  
    color:rgb(252, 140, 144)  
}
```

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(252, 140, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 140, 144) }
```

Border

The CSS property to change the border of an element to XYZ 54.5570, 41.4652, 31.5137 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(252, 140, 144) }
```


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

```
.border{ border-color:rgb(252, 140, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 140, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 140, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 140, 144);  
box-shadow:4px 4px 4px 4px rgb(252, 140,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5570, 41.4652, 31.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 140, 144) }
```

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

```
.background{ background-color: rgb(252,  
140, 144) }
```

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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