

Converting Colors

XYZ(55.7147, 41.5227, 33.5348)

Have a look what the booklet for
XYZ(55.7147, 41.5227, 33.5348)
contains.

XYZ(55.7533, 41.6069, 33.5262)	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(55.7533, 41.6069,
33.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A95
RGB	255, 138, 149
RGB Percent	100%, 54%, 58%
CMY	0.0000, 0.4588, 0.4157
CMYK	0.00, 0.46, 0.42, 0.00
HSL	354°, 100%, 77%
HSV	354°, 46%, 100%
XYZ	55.7533, 41.6069, 33.5262
YIQ	174.2370, 66.2010, 28.2250

Conversions

Conversions Part 2

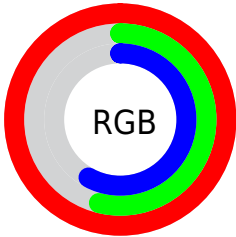
Format	Color
R_{YB}	255, 138, 149
Decimal	16747157
CIE Lab	70.60, 45.28, 14.26
CIE LCh	71, 47.469, 17.476
Yxy	41.6069, 0.4260, 0.3179
Android (android.graphics.Color)	4294937237 (0xFFFF8A95)
YUV	174.2370, -12.4418, 70.8292
Hunter-Lab	64.5034, 41.4049, 14.3359

Details

The XYZ color **55.7533, 41.6069, 33.5262** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5725, 83.4558, 98.4036**, and the grayscale version is **40.3933, 42.4969, 46.2791**.

A 20% lighter version of the original color is **71.0895, 63.7117, 65.0507**, and **27.9588, 18.9809, 13.7454** is the 20% darker color. If you saturate the color by 10%, you get **50.8495, 34.4643, 23.6761**, and if you desaturate by 10%, it is **61.8839, 50.6175, 45.5911**.

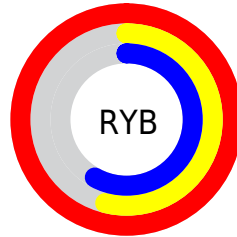
Distribution



Red (100%)

Green (54%)

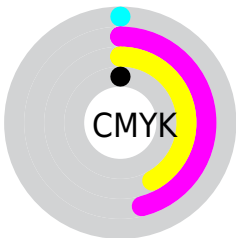
Blue (58%)



Red (100%)

Yellow (54%)

Blue (58%)

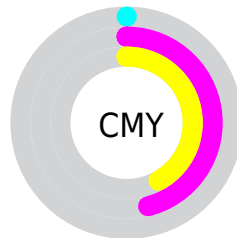


Cyan (0%)

Magenta (46%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7533, 41.6069, 33.5262 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 55.7533, 41.6069, 33.5262 by changing the saturation by 10% instead.


 55.7533, 41.6069,
33.5262

 55.7533, 41.6069,
33.5262


398.8512,
352.8508, 332.7186


 40.2414, 28.7936,
22.2554


 97.7857, 77.6043,
66.3216

 27.9118, 18.9247,
13.8446


 125.0369,
101.5573, 88.6834

 18.3993, 11.6159,
7.8752


 156.9319,
129.9922, 115.5792

 11.3385, 6.4827,
3.9285

193.8360,
163.2936, 147.4277

 6.3640, 3.1408,
1.5862

236.1147,
201.8457, 184.6473

 3.1104, 1.2057,
0.2810

284.1332,

 1.2124, 0.0663,

246.0330, 227.6567

0.0000

338.2569,
296.2399, 276.8743

■ 0.1161, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7533, 41.6069,
33.5262

■ 55.7533, 41.6069,
33.5262

■ 50.8495, 34.4643,
23.6761

■ 61.8839, 50.6175,
45.5911

■ 47.0866, 29.0527,
15.9037

■ 69.3131, 61.6079,
59.9918

■ 44.3724, 25.2265,
10.0600

■ 78.1109, 74.6887,
76.8437

■ 42.5993, 22.8135,
5.9752

■ 88.3416, 89.9603,
96.2534

■ 41.6354, 21.6007, 95.0499, 100.0000,
3.4494 108.9000

■ 41.4044, 21.3258,
2.7961

Harmonies

Analogous

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



56.1786, 41.6069, 55.3333



55.7533, 41.6069, 33.5262



50.6452, 41.6069, 20.3367

Triad

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



55.7533, 41.6069, 33.5262



29.4364, 41.6069, 21.9242



36.3639, 41.6069, 101.9296

Complementary

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



55.7533, 41.6069, 33.5262



62.5725, 83.4558, 98.4036

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.



30.2000, 41.6069, 85.1923



55.7533, 41.6069, 33.5262



26.5705, 41.6069, 36.5643

Square

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



55.7533, 41.6069, 33.5262



35.1861, 41.6069, 15.3233



26.8302, 41.6069, 59.5573



44.2522, 41.6069, 100.2794

Rectangle

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



55.7533, 41.6069, 33.5262



45.6117, 41.6069, 15.9638



26.8302, 41.6069, 59.5573



34.0436, 41.6069, 98.0850

Sweetspot

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



55.7544, 41.6090, 33.5270



79.9226, 77.3888, 80.2933



64.2055, 44.5073, 99.8144



16.6625, 15.9023, 16.3401



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.



55.7544, 41.6090, 33.5270



51.2339, 35.0212, 24.4571



63.1360, 57.7113, 31.8593



18.0787, 18.0148, 19.0315



21.6577, 11.1524, 1.5822



2.1309, 1.0948, 0.2710

Inverse Universe

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



55.7544, 41.6090, 33.5270



51.2339, 35.0212, 24.4571



51.1378, 57.8346, 103.0756



18.0787, 18.0148, 19.0315



21.6577, 11.1524, 1.5822



2.1309, 1.0948, 0.2710

Previews

White Background



This preview shows how the XYZ color 55.7533, 41.6069, 33.5262 looks on a white background.

Color Contrast Check

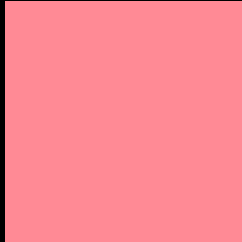
Large Text (above 18pt) WCAG AA × Fail

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 55.7533, 41.6069, 33.5262 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 55.7533, 41.6069, 33.5262

Background



This preview shows how black text looks on a background with the XYZ color 55.7533, 41.6069, 33.5262.

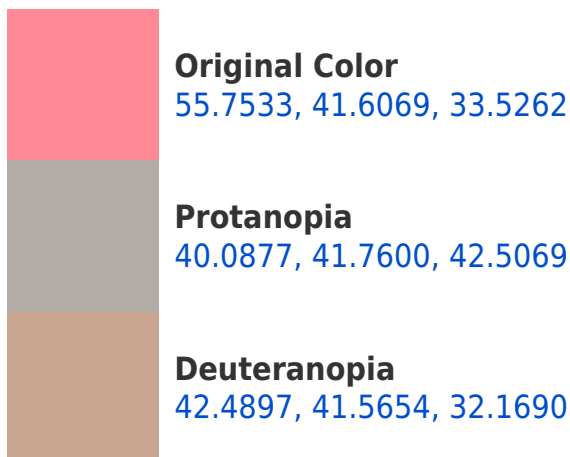


This preview shows how white text looks on a background with the XYZ color 55.7533, 41.6069,

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

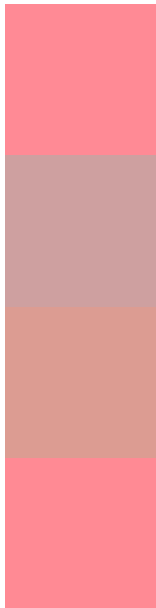




Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



Original Color

55.7533, 41.6069, 33.5262

Protanomaly

44.3696, 40.8015, 38.7947

Deuteranomaly

46.5920, 41.0679, 32.6654

Tritanomaly

55.6738, 41.5751, 33.1074

Monochromacy



Original Color

55.7533, 41.6069, 33.5262

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

44.1650, 40.9029, 41.1646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7533, 41.6069, 33.5262 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, 138, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 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, 138, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 149) }
```

Border

The CSS property to change the border of an element to XYZ 55.7533, 41.6069, 33.5262 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, 138, 149) }
```


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

```
.border{ border-color:rgb(255, 138, 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, 138, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7533, 41.6069, 33.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 149) }
```

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

```
.background{ background-color: rgb(255,  
138, 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](#).

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