

Converting Colors

XYZ(101.7101, 66.0070,
31.6330)

Have a look what the booklet for
XYZ(101.7101, 66.0070, 31.6330)
contains.

XYZ(55.4251, 42.1738, 29.6452)	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(55.4251, 42.1738,
29.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8D8B
RGB	255, 141, 139
RGB Percent	100%, 55%, 55%
CMY	0.0000, 0.4470, 0.4549
CMYK	0.00, 0.45, 0.45, 0.00
HSL	1°, 100%, 77%
HSV	1°, 45%, 100%
XYZ	55.4251, 42.1738, 29.6452
YIQ	174.8580, 68.5860, 23.5460

Conversions

Conversions Part 2

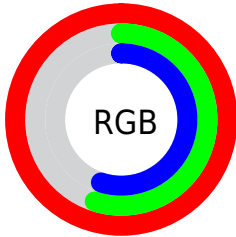
Format	Color
R _Y B	255, 141, 139
Decimal	16747915
CIE Lab	70.99, 42.77, 20.36
CIE LCh	71, 47.365, 25.454
Yxy	42.1738, 0.4356, 0.3314
Android (android.graphics.Color)	4294937995 (0xFFFF8D8B)
YUV	174.8580, -17.6780, 70.2845
Hunter-Lab	64.9414, 38.6959, 18.3935

Details

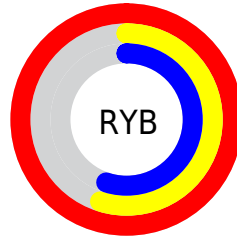
The XYZ color **55.4251, 42.1738, 29.6452** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8209, 82.9557, 107.2560**, and the grayscale version is **40.7389, 42.8605, 46.6751**.

A 20% lighter version of the original color is **70.4944, 64.5456, 58.6123**, and **27.7986, 19.3028, 11.7119** is the 20% darker color. If you saturate the color by 10%, you get **50.4883, 34.9424, 19.8546**, and if you desaturate by 10%, it is **61.6344, 51.2549, 42.0044**.

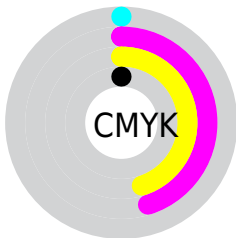
Distribution



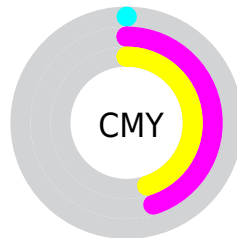
- Red (100%)
- Green (55%)
- Blue (55%)



- Red (100%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4251, 42.1738, 29.6452 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 55.4251, 42.1738, 29.6452 by changing the saturation by 10% instead.

55.4251, 42.1738,
29.6452

55.4251, 42.1738,
29.6452

397.6316,
355.2029, 314.4028

39.9774, 29.2374,
19.3197

97.3082, 78.4626,
60.1550

27.7050, 19.2605,
11.7224

124.4743,
102.5838, 81.1763

18.2427, 11.8587,
6.4347

156.2772,
131.2020, 106.6000

11.2251, 6.6475,
3.0381

193.0823,
164.7017, 136.8446

6.2869, 3.2426,
1.1141

235.2549,
203.4673, 172.3287

3.0626, 1.2597,
0.0000

283.1604,

1.1870, 0.1097,

247.8830, 213.4707

0.0000

337.1642,
298.3335, 260.6892

■ 0.0960, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4251, 42.1738,
29.6452

■ 55.4251, 42.1738,
29.6452

■ 50.4883, 34.9424,
19.8546

■ 61.6344, 51.2549,
42.0044

■ 46.7331, 29.4278,
12.4498

■ 69.1924, 62.2939,
57.0929

■ 44.0616, 25.4899,
7.2276

■ 78.1733, 75.3982,
75.0612

■ 42.3590, 22.9637,
3.9502

■ 88.6446, 90.6655,
96.0480

■ 41.4844, 21.6474, 95.0500, 100.0000,
2.3239 108.9000

■ 41.2878, 21.3557,
1.9460

Harmonies

Analogous

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



57.2148, 42.1738, 49.4554



55.4251, 42.1738, 29.6452



49.3309, 42.1738, 18.5990

Triad

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



55.4251, 42.1738, 29.6452



28.8294, 42.1738, 25.4040



38.8929, 42.1738, 104.3739

Complementary

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



55.4251, 42.1738, 29.6452



63.8209, 82.9557, 107.2560

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.



32.0730, 42.1738, 91.8833



55.4251, 42.1738, 29.6452



26.7688, 42.1738, 42.5574

Square

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



55.4251, 42.1738, 29.6452



33.9042, 42.1738, 16.7745



27.8737, 42.1738, 67.2707



46.9746, 42.1738, 97.4683

Rectangle

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



55.4251, 42.1738, 29.6452



44.0225, 42.1738, 15.3702



27.8737, 42.1738, 67.2707



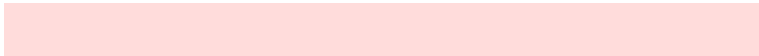
36.3894, 42.1738, 102.2149

Sweetspot

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



55.4262, 42.1760, 29.6460



79.6373, 77.5333, 77.9932



68.2130, 46.8216, 98.4264



16.5941, 15.9368, 15.7895



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.



55.4262, 42.1760, 29.6460



50.7019, 35.2556, 20.2771



66.3084, 63.9405, 33.2734



18.0346, 18.0373, 18.6754



21.5847, 11.1806, 1.0204



2.1101, 1.1056, 0.1022

Inverse Universe

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



63.8209, 82.9557, 107.2560



60.0785, 80.8301, 107.0430



48.2278, 51.7694, 102.0583



18.5264, 20.4243, 23.2158



27.4024, 39.7145, 55.6560



2.6764, 3.8834, 5.4218

Previews

White Background



This preview shows how the XYZ color 55.4251, 42.1738, 29.6452 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 55.4251, 42.1738, 29.6452 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 55.4251, 42.1738, 29.6452

Background



This preview shows how black text looks on a background with the XYZ color 55.4251, 42.1738, 29.6452.



This preview shows how white text looks on a background with the XYZ color 55.4251, 42.1738,

29.6452.

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

55.4251, 42.1738, 29.6452

Protanopia

40.3439, 42.5837, 37.1035

Deuteranopia

43.0236, 42.1960, 28.4313



Tritanopia

56.1231, 42.2182, 34.0451

Trichromacy



Original Color

55.4251, 42.1738, 29.6452

Protanomaly

44.6396, 41.5659, 34.1040

Deuteranomaly

47.1022, 41.9193, 28.9012

Tritanomaly

55.8064, 42.0915, 32.3773

Monochromacy



Original Color

55.4251, 42.1738, 29.6452

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.5206, 41.6404, 39.8733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4251, 42.1738, 29.6452 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, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 139)  
}
```

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, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 139) }
```

Border

The CSS property to change the border of an element to XYZ 55.4251, 42.1738, 29.6452 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, 141, 139) }
```


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

```
.border{ border-color:rgb(255, 141, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4251, 42.1738, 29.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 139) }
```

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

```
.background{ background-color: rgb(255,  
141, 139) }
```

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