

Converting Colors

XYZ(55.0957, 41.5360, 29.4709)

Have a look what the booklet for
XYZ(55.0957, 41.5360, 29.4709)
contains.

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Color

**XYZ(55.1328, 41.5893,
29.5478)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B8B
RGB	255, 139, 139
RGB Percent	100%, 55%, 55%
CMY	0.0000, 0.4549, 0.4549
CMYK	0.00, 0.45, 0.45, 0.00
HSL	0°, 100%, 77%
HSV	0°, 45%, 100%
XYZ	55.1328, 41.5893, 29.5478
YIQ	173.6840, 69.1360, 24.5920

Conversions

Conversions Part 2

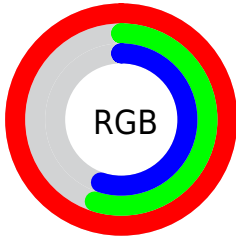
Format	Color
R_{YB}	255, 139, 139
Decimal	16747403
CIE _{Lab}	70.59, 43.77, 19.80
CIE _{LCh}	71, 48.044, 24.342
Yxy	41.5893, 0.4366, 0.3294
Android (android.graphics.Color)	4294937483 (0xFFFF8B8B)
YUV	173.6840, -17.0992, 71.3141
Hunter-Lab	64.4898, 39.7439, 17.9775

Details

The XYZ color **55.1328, 41.5893, 29.5478** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4555, 84.2248, 107.4674**, and the grayscale version is **40.1312, 42.2212, 45.9788**.

A 20% lighter version of the original color is **70.0462, 63.6493, 58.4629**, and **27.6366, 18.9789, 11.6579** is the 20% darker color. If you saturate the color by 10%, you get **50.2109, 34.3876, 19.7622**, and if you desaturate by 10%, it is **61.3523, 50.6908, 41.9103**.

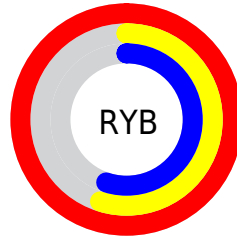
Distribution



Red (100%)

Green (55%)

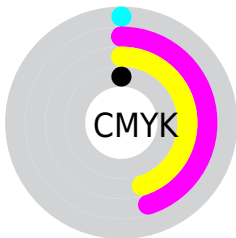
Blue (55%)



Red (100%)

Yellow (55%)

Blue (55%)

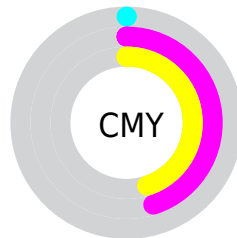


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1328, 41.5893, 29.5478 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 55.1328, 41.5893, 29.5478 by changing the saturation by 10% instead.


 55.1328, 41.5893,
29.5478


 55.1328, 41.5893,
29.5478


396.5434,
352.7776, 313.9324


 39.7423, 28.7798,
19.2465


 96.8827, 77.5777,
59.9988

 27.5210, 18.9143,
11.6699


 123.9728,
101.5254, 80.9856

 18.1035, 11.6084,
6.3995


 155.6935,
129.9546, 106.3713

 11.1245, 6.4776,
3.0168

192.4102,
163.2498, 136.5745

 6.2185, 3.1376,
1.1032

234.4881,
201.7952, 172.0136

 3.0203, 1.2040,
0.0000

282.2927,

 1.1645, 0.0650,

245.9754, 213.1073

0.0000

336.1894,
296.1748, 260.2740

■ 0.0781, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1328, 41.5893,
29.5478

■ 55.1328, 41.5893,
29.5478

■ 50.2109, 34.3876,
19.7622

■ 61.3523, 50.6908,
41.9103

■ 46.4920, 28.9457,
12.3694

■ 68.9487, 61.8066,
57.0116

■ 43.8738, 25.1144,
7.1650

■ 77.9989, 75.0495,
75.0030

■ 42.2358, 22.7175,
3.9092

■ 88.5730, 90.5225,
96.0241

■ 41.4289, 21.5366,
2.3055

95.0499, 99.9999,
108.9000

■ 41.2400, 21.2602,
1.9300

Harmonies

Analogous

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



56.7497, 41.5893, 49.7319



55.1328, 41.5893, 29.5478



49.1128, 41.5893, 18.2400

Triad

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



55.1328, 41.5893, 29.5478



28.3780, 41.5893, 24.2801



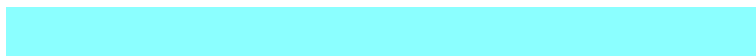
38.0435, 41.5893, 104.2104

Complementary

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



55.1328, 41.5893, 29.5478



64.4555, 84.2248, 107.4674

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.



31.2816, 41.5893, 90.9045



55.1328, 41.5893, 29.5478



26.2011, 41.5893, 41.1089

Square

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



55.1328, 41.5893, 29.5478



33.5651, 41.5893, 15.9888



27.1884, 41.5893, 65.8004



46.1614, 41.5893, 97.9371

Rectangle

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



55.1328, 41.5893, 29.5478



43.7942, 41.5893, 14.8841



27.1884, 41.5893, 65.8004



35.5509, 41.5893, 101.7730

Sweetspot

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



55.1339, 41.5914, 29.5486



79.4761, 77.2110, 77.9395



68.5226, 46.9455, 100.0573



16.5556, 15.8598, 15.7767



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.



55.1339, 41.5914, 29.5486



50.4233, 34.6983, 20.1842



65.8665, 63.0567, 33.1261



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



64.4555, 84.2248, 107.4674



60.8450, 82.3630, 107.2985



48.6639, 52.6417, 102.2035



18.5549, 20.4813, 23.2253



28.1146, 41.1388, 55.8934



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 55.1328, 41.5893, 29.5478 looks on a white background.

Color Contrast Check

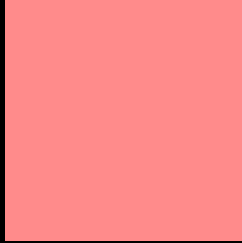
Large Text (above 18pt) WCAG AA × Fail

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 55.1328, 41.5893, 29.5478 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 55.1328, 41.5893, 29.5478

Background



This preview shows how black text looks on a background with the XYZ color 55.1328, 41.5893, 29.5478.



This preview shows how white text looks on a background with the XYZ color 55.1328, 41.5893,

29.5478.

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

55.1328, 41.5893, 29.5478

Protanopia

39.7667, 41.9907, 37.4616

Deuteranopia

42.5679, 41.6902, 28.3577



Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



Original Color

55.1328, 41.5893, 29.5478

Protanomaly

43.9820, 40.9571, 34.4416

Deuteranomaly

46.4566, 41.0841, 28.7740

Tritanomaly

55.4393, 41.4813, 31.8728

Monochromacy



Original Color

55.1328, 41.5893, 29.5478

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.8065, 40.7595, 39.2767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1328, 41.5893, 29.5478 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, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 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, 139, 139) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.1328, 41.5893, 29.5478 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, 139, 139) }
```


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

```
.border{ border-color:rgb(255, 139, 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, 139, 139)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 55.1328, 41.5893, 29.5478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(255,  
139, 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](#).

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