

Converting Colors

XYZ(55.3620, 41.8713, 31.9521)

Have a look what the booklet for
XYZ(55.3620, 41.8713, 31.9521)
contains.

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Color

**XYZ(55.3620, 41.8713,
31.9521)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8C91
RGB	254, 140, 145
RGB Percent	100%, 55%, 57%
CMY	0.0039, 0.4510, 0.4314
CMYK	0.00, 0.45, 0.43, 0.00
HSL	357°, 98%, 77%
HSV	357°, 45%, 100%
XYZ	55.3620, 41.8713, 31.9521
YIQ	174.6560, 66.3390, 25.7230

Conversions

Conversions Part 2

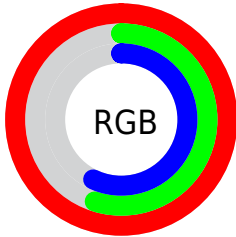
Format	Color
RYB	254, 140, 145
Decimal	16682129
CIELab	70.78, 43.51, 16.72
CIELCh	71, 46.609, 21.020
Yxy	41.8713, 0.4285, 0.3241
Android (android.graphics.Color)	4294872209 (0xFFFE8C91)
YUV	174.6560, -14.6204, 69.5847
Hunter-Lab	64.7080, 39.4795, 16.0189

Details

The XYZ color **55.3620, 41.8713, 31.9521** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3581, 83.2996, 102.3666**, and the grayscale version is **40.6200, 42.7354, 46.5389**.

A 20% lighter version of the original color is **71.0639, 64.4137, 62.7205**, and **27.7219, 19.1119, 13.0543** is the 20% darker color. If you saturate the color by 10%, you get **50.3927, 34.6163, 22.0229**, and if you desaturate by 10%, it is **61.5903, 51.0036, 44.2767**.

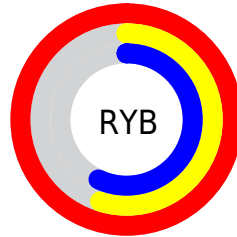
Distribution



Red (100%)

Green (55%)

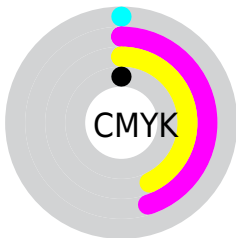
Blue (57%)



Red (100%)

Yellow (55%)

Blue (57%)

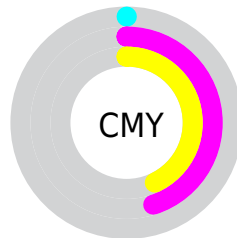


Cyan (0%)

Magenta (45%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3620, 41.8713, 31.9521 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 55.3620, 41.8713, 31.9521 by changing the saturation by 10% instead.


 55.3620, 41.8713,
31.9521


 55.3620, 41.8713,
31.9521


397.3968,
353.9491, 325.3870


 39.9266, 29.0005,
21.0604


 97.2164, 78.0048,
63.8330

 27.6653, 19.0812,
12.9765


 124.3661,
102.0363, 85.6593

 18.2127, 11.7290,
7.2818


 156.1512,
130.5569, 111.9676

 11.2034, 6.5594,
3.5579

192.9373,
163.9509, 143.1763

 6.2721, 3.1881,
1.3861

235.0895,
202.6027, 179.7041

 3.0535, 1.2307,
0.1308

282.9732,

 1.1821, 0.0866,

246.8968, 221.9694

0.0000

336.9539,
297.2175, 270.3909

■ 0.0922, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3620, 41.8713,
31.9521

■ 55.3620, 41.8713,
31.9521

■ 50.3927, 34.6163,
22.0229

■ 61.5903, 51.0036,
44.2767

■ 46.5937, 29.1025,
14.3311

■ 69.1518, 62.1243,
59.1358

■ 43.8698, 25.1856,
8.7038

■ 78.1189, 75.3435,
76.6610

■ 42.1097, 22.6954,
4.9415

■ 88.5579, 90.7613,
96.9737

■ 41.1774, 21.4230,
2.8054

94.6831, 99.8108,
108.8828

■ 40.9342, 21.0953,
2.2348

Harmonies

Analogous

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



56.3746, 41.8713, 52.5694



55.3620, 41.8713, 31.9521



49.9082, 41.8713, 19.8432

Triad

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



55.3620, 41.8713, 31.9521



29.3167, 41.8713, 23.6984



37.5202, 41.8713, 101.9514

Complementary

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



55.3620, 41.8713, 31.9521



63.3581, 83.2996, 102.3666

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.



31.1536, 41.8713, 87.3791



55.3620, 41.8713, 31.9521



26.8373, 41.8713, 39.2587

Square

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



55.3620, 41.8713, 31.9521



34.6961, 41.8713, 16.2637



27.4632, 41.8713, 62.6447



45.3757, 41.8713, 98.0468

Rectangle

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



55.3620, 41.8713, 31.9521



44.8346, 41.8713, 16.0040



27.4632, 41.8713, 62.6447



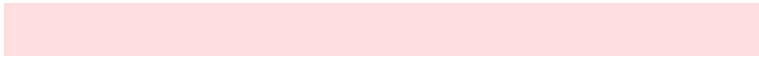
35.1524, 41.8713, 98.9140

Sweetspot

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



55.3631, 41.8734, 31.9529



80.6815, 78.7669, 80.9771



66.0865, 45.9254, 99.1473



16.8016, 16.1693, 16.4211



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.



55.3631, 41.8734, 31.9529



51.2323, 35.4910, 22.9984



64.3043, 60.3588, 33.0749



18.0416, 18.0000, 18.8363



21.5947, 11.1272, 1.2502



2.1134, 1.0877, 0.1788

Inverse Universe

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



55.3631, 41.8734, 31.9529



51.2323, 35.4910, 22.9984



49.9917, 55.3036, 101.8058



18.0416, 18.0000, 18.8363



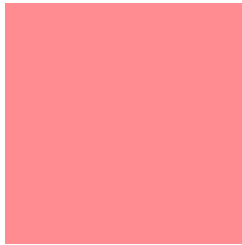
21.5947, 11.1272, 1.2502



2.1134, 1.0877, 0.1788

Previews

White Background



This preview shows how the XYZ color 55.3620, 41.8713, 31.9521 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 55.3620, 41.8713, 31.9521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

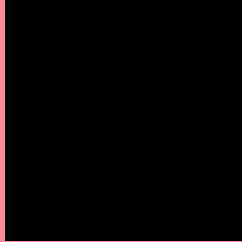
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3620, 41.8713, 31.9521

Background



This preview shows how black text looks on a background with the XYZ color 55.3620, 41.8713, 31.9521.



This preview shows how white text looks on a background with the XYZ color 55.3620, 41.8713,

31.9521.

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

55.3620, 41.8713, 31.9521

Protanopia

40.2875, 42.1991, 40.2043

Deuteranopia

42.9095, 42.0874, 30.6731



Tritanopia

55.5305, 41.7060, 33.5571

Trichromacy



Original Color

55.3620, 41.8713, 31.9521

Protanomaly

44.4777, 41.1554, 37.0521

Deuteranomaly

46.7582, 41.4391, 31.1253

Tritanomaly

55.4510, 41.6742, 33.1383

Monochromacy



Original Color

55.3620, 41.8713, 31.9521

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.5230, 41.3584, 40.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3620, 41.8713, 31.9521 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(254, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(254, 140, 145)  
}
```

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(254, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 140, 145) }
```

Border

The CSS property to change the border of an element to XYZ 55.3620, 41.8713, 31.9521 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(254, 140, 145) }
```


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

```
.border{ border-color:rgb(254, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(254, 140,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3620, 41.8713, 31.9521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 140, 145) }
```

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

```
.background{ background-color: rgb(254,  
140, 145) }
```

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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