

Converting Colors

XYZ(63.3669, 44.2862, 37.4904)

Have a look what the booklet for
XYZ(63.3669, 44.2862, 37.4904)
contains.

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Color

**XYZ(55.6628, 40.2312,
37.1794)**

Conversions

Conversions Part 1

Format	Color
Hex	FF849E
RGB	255, 132, 158
RGB Percent	100%, 52%, 62%
CMY	0.0000, 0.4823, 0.3804
CMYK	0.00, 0.48, 0.38, 0.00
HSL	347°, 100%, 76%
HSV	347°, 48%, 100%
XYZ	55.6628, 40.2312, 37.1794
YIQ	171.7410, 64.9620, 34.1620

Conversions

Conversions Part 2

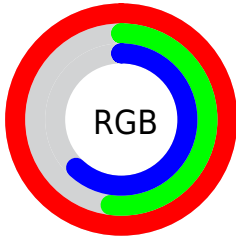
Format	Color
R_{YB}	255, 132, 158
Decimal	16745630
CIE _{Lab}	69.63, 49.21, 7.85
CIE _{LCh}	70, 49.835, 9.068
Yxy	40.2312, 0.4183, 0.3023
Android (android.graphics.Color)	4294935710 (0xFFFF849E)
YUV	171.7410, -6.7743, 73.0181
Hunter-Lab	63.4281, 45.6478, 9.6458

Details

The XYZ color **55.6628, 40.2312, 37.1794** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4207, 82.0835, 86.8455**, and the grayscale version is **39.0932, 41.1291, 44.7896**.

A 20% lighter version of the original color is **71.1069, 61.9799, 70.5029**, and **27.8839, 18.1124, 15.9363** is the 20% darker color. If you saturate the color by 10%, you get **51.0259, 33.5048, 27.7808**, and if you desaturate by 10%, it is **61.4301, 48.7649, 48.3532**.

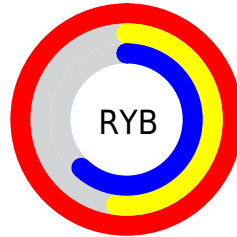
Distribution



Red (100%)

Green (52%)

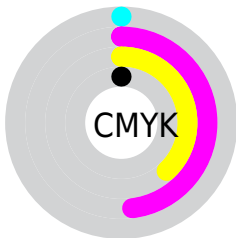
Blue (62%)



Red (100%)

Yellow (52%)

Blue (62%)

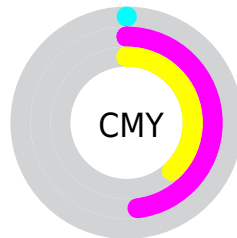


Cyan (0%)

Magenta (48%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6628, 40.2312, 37.1794 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 55.6628, 40.2312, 37.1794 by changing the saturation by 10% instead.


 55.6628, 40.2312,
37.1794


 55.6628, 40.2312,
37.1794


398.5152,
347.0971, 349.2786


 40.1686, 27.7189,
25.0495


 97.6541, 75.5154,
72.0380

 27.8548, 18.1138,
15.8946


 124.8818, 99.0561,
95.6039

 18.3561, 11.0317,
9.2961


 156.7514,
127.0417, 123.8188

 11.3072, 6.0882,
4.8354

193.6283,
159.8566, 157.1014

 6.3427, 2.8988,
2.0939

235.8777,
197.8852, 195.8701

 3.0972, 1.0791,
0.6122

283.8651,

 1.2054, 0.0000,

241.5119, 240.5435

0.0000

337.9558,
291.1210, 291.5402

■ 0.1106, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6628, 40.2312,
37.1794

■ 55.6628, 40.2312,
37.1794

■ 51.0259, 33.5048,
27.7808

■ 61.4301, 48.7649,
48.3532

■ 47.4398, 28.4487,
20.0617

■ 68.3937, 59.2176,
61.3862

■ 44.8193, 24.9164,
13.9205

■ 76.6184, 71.6991,
76.3597

■ 43.0637, 22.7326,
9.2430

■ 86.1629, 86.3092,
93.3495

■ 42.0386, 21.6577, 95.0499, 100.0000,
5.8943 108.9000

■ 41.9032, 21.5253,
5.4230

Harmonies

Analogous

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



54.6053, 40.2312, 61.6396



55.6628, 40.2312, 37.1794



51.5680, 40.2312, 21.3747

Triad

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



55.6628, 40.2312, 37.1794



29.2844, 40.2312, 17.6030



32.9679, 40.2312, 99.6676

Complementary

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



55.6628, 40.2312, 37.1794



59.4207, 82.0835, 86.8455

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.



27.4301, 40.2312, 78.1288



55.6628, 40.2312, 37.1794



25.5201, 40.2312, 29.7922

Square

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



55.6628, 40.2312, 37.1794



35.8491, 40.2312, 12.9804



24.8926, 40.2312, 51.1743



40.7319, 40.2312, 103.8292

Rectangle

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



55.6628, 40.2312, 37.1794



46.7650, 40.2312, 15.7096



24.8926, 40.2312, 51.1743



30.8171, 40.2312, 93.9321

Sweetspot

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



55.6639, 40.2332, 37.1801



80.4936, 77.6172, 83.3000



58.4088, 40.2762, 99.3032



16.7997, 15.9572, 17.0626



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.



55.6639, 40.2332, 37.1801



51.1215, 33.6416, 27.9797



59.1976, 50.5106, 28.4621



18.1664, 18.0499, 19.4935



21.9390, 11.2649, 3.0631



2.1739, 1.1119, 0.4970

Inverse Universe

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



55.6639, 40.2332, 37.1801



51.1215, 33.6416, 27.9797



53.2000, 63.3924, 104.0396



18.1664, 18.0499, 19.4935



21.9390, 11.2649, 3.0631



2.1739, 1.1119, 0.4970

Previews

White Background



This preview shows how the XYZ color 55.6628, 40.2312, 37.1794 looks on a white background.

Color Contrast Check

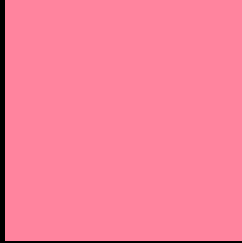
Large Text (above 18pt) WCAG AA × Fail

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 55.6628, 40.2312, 37.1794 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 55.6628, 40.2312, 37.1794

Background



This preview shows how black text looks on a background with the XYZ color 55.6628, 40.2312, 37.1794.



This preview shows how white text looks on a background with the XYZ color 55.6628, 40.2312,

37.1794.

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

55.6628, 40.2312, 37.1794

Protanopia

39.3060, 40.6621, 48.4247

Deuteranopia

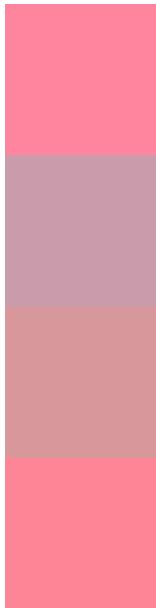
41.2734, 40.3202, 35.7442



Tritanopia

54.4322, 40.1346, 31.2634

Trichromacy



Original Color

55.6628, 40.2312, 37.1794

Protanomaly

43.5963, 39.2738, 43.8109

Deuteranomaly

45.4635, 39.4220, 36.2234

Tritanomaly

54.6854, 40.0158, 33.2754

Monochromacy



Original Color

55.6628, 40.2312, 37.1794

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

43.3891, 39.4605, 41.8890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6628, 40.2312, 37.1794 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, 132, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 158)  
}
```

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, 132, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 158) }
```

Border

The CSS property to change the border of an element to XYZ 55.6628, 40.2312, 37.1794 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, 132, 158) }
```


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

```
.border{ border-color:rgb(255, 132, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6628, 40.2312, 37.1794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 158) }
```

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

```
.background{ background-color: rgb(255,  
132, 158) }
```

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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