

Converting Colors

XYZ(55.1228, 43.9712, 34.4362)

Have a look what the booklet for
XYZ(55.1228, 43.9712, 34.4362)
contains.

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Color

**XYZ(55.1228, 43.9712,
34.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	F89696
RGB	248, 150, 150
RGB Percent	97%, 59%, 59%
CMY	0.0275, 0.4117, 0.4118
CMYK	0.00, 0.40, 0.40, 0.03
HSL	0°, 87%, 78%
HSV	0°, 40%, 97%
XYZ	55.1228, 43.9712, 34.4362
YIQ	179.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

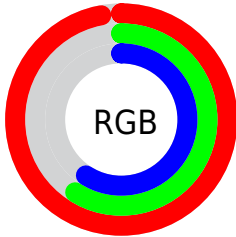
Format	Color
R_{YB}	248, 150, 150
Decimal	16291478
CIE Lab	72.21, 36.75, 15.82
CIE LCh	72, 40.014, 23.289
Yxy	43.9712, 0.4128, 0.3293
Android (android.graphics.Color)	4294481558 (0xFFFF89696)
YUV	179.3020, -14.4459, 60.2481
Hunter-Lab	66.3108, 32.3395, 15.6273

Details

The XYZ color **55.1228, 43.9712, 34.4362** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0868, 80.3928, 100.9992**, and the grayscale version is **43.0628, 45.3054, 49.3376**.

A 20% lighter version of the original color is **73.9704, 69.2823, 66.6009**, and **27.5131, 20.2691, 14.2666** is the 20% darker color. If you saturate the color by 10%, you get **49.7859, 36.1623, 23.8255**, and if you desaturate by 10%, it is **61.7219, 53.6280, 47.5533**.

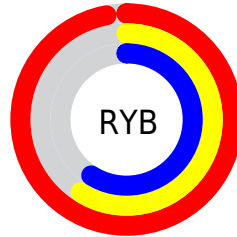
Distribution



Red (97%)

Green (59%)

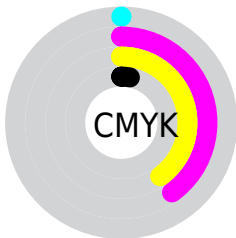
Blue (59%)



Red (97%)

Yellow (59%)

Blue (59%)

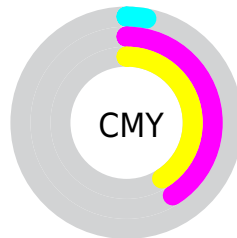


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (3%)



Cyan (3%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1228, 43.9712, 34.4362 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 55.1228, 43.9712, 34.4362 by changing the saturation by 10% instead.

 55.1228, 43.9712,
34.4362


 55.1228, 43.9712,
34.4362


396.5061,
362.5907, 336.9010

 39.7343, 30.6479,
22.9488


 96.8681, 81.1744,
67.7531

 27.5147, 20.3309,
14.3508


 123.9556,
105.8231, 90.4196

 18.0987, 12.6358,
8.2235

155.6735,
135.0156, 117.6497

 11.1210, 7.1782,
4.1485

192.3872,
169.1365, 149.8617

 6.2162, 3.5738,
1.7072

234.4619,
208.5700, 187.4744

 3.0189, 1.4381,
0.3656

282.2630,

 1.1638, 0.2446,

253.7007, 230.9061

0.0000

336.1560,
304.9128, 280.5755

■ 0.0775, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1228, 43.9712,
34.4362

■ 55.1228, 43.9712,
34.4362

■ 49.7859, 36.1623,
23.8255

■ 61.7219, 53.6280,
47.5533

■ 45.6277, 30.0775,
15.5594

■ 69.6528, 65.2333,
63.3197

■ 42.5598, 25.5882,
9.4609

■ 78.9844, 78.8880,
81.8706

■ 40.4802, 22.5450,
5.3271

■ 89.7796, 94.6843,
103.3312

■ 39.2676, 20.7704,
2.9168

■ 92.5214, 98.6964,
108.7817

■ 38.7312, 19.9855,
1.8507

■ 38.7115, 19.9568,
1.8117

Harmonies

Analogous

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



56.3156, 43.9712, 52.4303



55.1228, 43.9712, 34.4362



50.1877, 43.9712, 23.5227

Triad

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



55.1228, 43.9712, 34.4362



32.0825, 43.9712, 28.6538



40.2703, 43.9712, 96.0698

Complementary

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



55.1228, 43.9712, 34.4362



63.0868, 80.3928, 100.9992

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.



34.3913, 43.9712, 85.0115



55.1228, 43.9712, 34.4362



30.0104, 43.9712, 43.5956

Square

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



55.1228, 43.9712, 34.4362



36.7903, 43.9712, 20.8789



30.8070, 43.9712, 64.4267



47.2305, 43.9712, 91.6526

Rectangle

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



55.1228, 43.9712, 34.4362



45.7034, 43.9712, 20.0374



30.8070, 43.9712, 64.4267



38.1128, 43.9712, 93.9585

Sweetspot

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



55.1239, 43.9734, 34.4370



81.5126, 80.1911, 81.9880



66.5612, 48.5468, 94.6692



17.1609, 16.7454, 16.9798



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.



55.1239, 43.9734, 34.4370



54.3096, 40.3853, 27.9098



64.6401, 63.0056, 37.6091



17.2448, 17.2254, 17.8783



20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

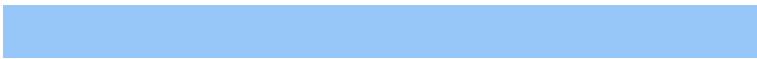
The Inverse Universe completely reimagines the original color for something new.



63.0868, 80.3928, 100.9992



63.8236, 83.8989, 107.4380



49.9447, 54.1086, 96.6185



17.7658, 19.6085, 22.2337



27.2836, 39.9227, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 55.1228, 43.9712, 34.4362 looks on a white background.

Color Contrast Check

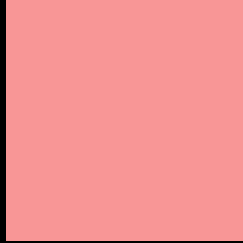
Large Text (above 18pt) WCAG AA × Fail

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 55.1228, 43.9712, 34.4362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

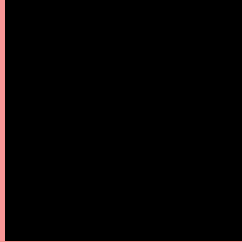
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1228, 43.9712, 34.4362

Background



This preview shows how black text looks on a background with the XYZ color 55.1228, 43.9712, 34.4362.



This preview shows how white text looks on a background with the XYZ color 55.1228, 43.9712,

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

55.1228, 43.9712, 34.4362

Protanopia

42.1901, 44.3150, 41.4519

Deuteranopia

44.9281, 44.1803, 33.3538



Tritanopia

56.1595, 44.1727, 38.8240

Trichromacy



Original Color

55.1228, 43.9712, 34.4362

Protanomaly

45.8089, 43.4060, 38.7647

Deuteranomaly

48.1824, 43.6731, 33.4940

Tritanomaly

55.8151, 44.0349, 37.0103

Monochromacy



Original Color

55.1228, 43.9712, 34.4362

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.9724, 43.6698, 43.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1228, 43.9712, 34.4362 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(248, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(248, 150, 150)  
}
```

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(248, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 55.1228, 43.9712, 34.4362 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(248, 150, 150) }
```


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

```
.border{ border-color:rgb(248, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(248, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1228, 43.9712, 34.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 150, 150) }
```

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

```
.background{ background-color: rgb(248,  
150, 150) }
```

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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