

Converting Colors

XYZ(62.7119, 53.9819, 44.1601)

Have a look what the booklet for
XYZ(62.7119, 53.9819, 44.1601)
contains.

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Color

**XYZ(62.7119, 53.9819,
44.1601)**

Conversions

Conversions Part 1

Format	Color
Hex	FDAEA8
RGB	253, 174, 168
RGB Percent	99%, 68%, 66%
CMY	0.0078, 0.3176, 0.3412
CMYK	0.00, 0.31, 0.34, 0.01
HSL	4°, 96%, 83%
HSV	4°, 34%, 99%
XYZ	62.7119, 53.9819, 44.1601
YIQ	196.9370, 49.0100, 14.8820

Conversions

Conversions Part 2

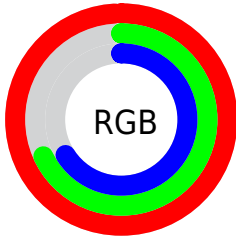
Format	Color
R _Y B	253, 174, 168
Decimal	16625320
CIE Lab	78.45, 28.17, 14.80
CIE LCh	78, 31.821, 27.725
Yxy	53.9819, 0.3899, 0.3356
Android (android.graphics.Color)	4294815400 (0xFFFD _A E _A 8)
YUV	196.9370, -14.2659, 49.1673
Hunter-Lab	73.4724, 23.7809, 15.7948

Details

The XYZ color **62.7119, 53.9819, 44.1601** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.1375, 81.9351, 105.2050**, and the grayscale version is **53.0968, 55.8620, 60.8337**.

A 20% lighter version of the original color is **82.8561, 83.1813, 81.5007**, and **32.2379, 26.4050, 19.9206** is the 20% darker color. If you saturate the color by 10%, you get **56.4287, 44.8275, 31.5466**, and if you desaturate by 10%, it is **70.2516, 64.9150, 59.4557**.

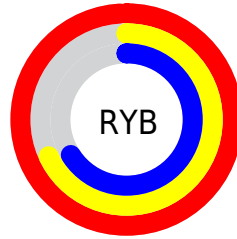
Distribution



Red (99%)

Green (68%)

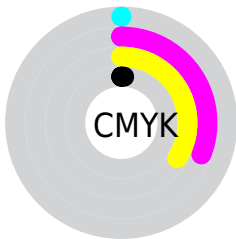
Blue (66%)



Red (99%)

Yellow (68%)

Blue (66%)

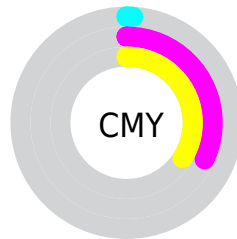


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (1%)



Cyan (1%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7119, 53.9819, 44.1601 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 62.7119, 53.9819, 44.1601 by changing the saturation by 10% instead.


 62.7119, 53.9819,
44.1601


 62.7119, 53.9819,
44.1601


424.1995,
402.0410, 379.4217

 45.8659, 38.5872,
30.4583


 107.8379, 96.0477,
82.7636

 32.3442, 26.4387,
19.9317


 136.8487,
123.4875, 108.5024

 21.7814, 17.1522,
12.1618


170.6451,
155.7112, 139.0906

 13.8121, 10.3430,
6.7301

209.5925,
193.1031, 174.9468

 8.0709, 5.6270,
3.2180

254.0563,
236.0477, 216.4894

 4.1925, 2.6196,
1.2070

304.4018,

 1.8116, 0.9365,

284.9292, 264.1371

0.0000

360.9944,
340.1322, 318.3083

■ 0.5247, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7119, 53.9819,
44.1601

■ 62.7119, 53.9819,
44.1601

■ 56.4287, 44.8275,
31.5466

■ 70.2516, 64.9150,
59.4557

■ 51.3295, 37.3504,
21.4576

■ 79.1065, 77.7058,
77.5724

■ 47.3412, 31.4512,
13.7240

■ 89.3368, 92.4376,
98.6432

■ 44.3806, 27.0164,
8.1546

■ 94.3180, 99.6226,
108.8657

■ 42.3528, 23.9178,
4.5284

■ 41.1450, 22.0046,
2.5769

■ 40.7223, 21.3112,
1.9672

Harmonies

Analogous

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



64.2932, 53.9819, 60.1555



62.7119, 53.9819, 44.1601



58.0045, 53.9819, 34.1925

Triad

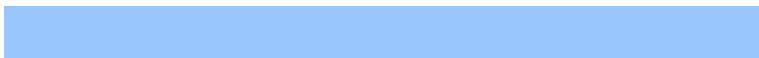
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7119, 53.9819, 44.1601



41.7933, 53.9819, 42.2311



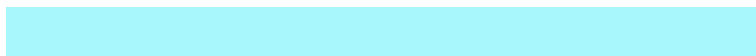
50.8321, 53.9819, 100.3663

Complementary

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



62.7119, 53.9819, 44.1601



67.1375, 81.9351, 105.2050

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.



45.1482, 53.9819, 92.9881



62.7119, 53.9819, 44.1601



40.2009, 53.9819, 57.4200

Square

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



62.7119, 53.9819, 44.1601



45.9120, 53.9819, 33.2482



41.3782, 53.9819, 76.3087



57.1114, 53.9819, 94.8575

Rectangle

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



62.7119, 53.9819, 44.1601



53.9088, 53.9819, 31.1280



41.3782, 53.9819, 76.3087



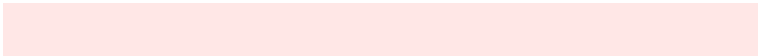
48.7926, 53.9819, 99.2836

Sweetspot

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



62.7133, 53.9845, 44.1612



84.1132, 84.2659, 86.3270



71.3509, 55.6244, 95.2416



17.6994, 17.5979, 17.8516



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.



62.7133, 53.9845, 44.1612



59.5964, 48.7731, 36.4101



72.1747, 72.9073, 47.3150



18.1124, 18.1930, 18.7013



21.6993, 11.4099, 1.0587



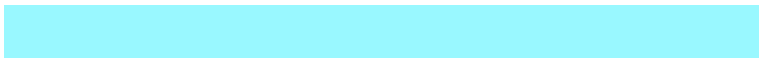
2.1470, 1.1794, 0.1145

Inverse Universe

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



67.1375, 81.9351, 105.2050



64.6909, 81.0003, 106.8328



55.6700, 59.0001, 101.3825



18.4385, 20.2487, 23.1865



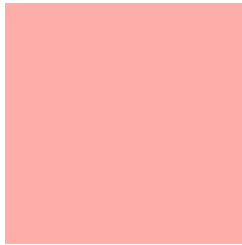
25.2998, 35.5093, 54.9551



2.4950, 3.5206, 5.3613

Previews

White Background



This preview shows how the XYZ color 62.7119, 53.9819, 44.1601 looks on a white background.

Color Contrast Check

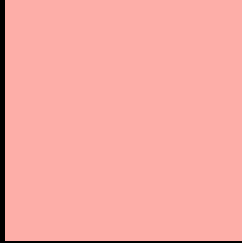
Large Text (above 18pt) WCAG AA × Fail

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 62.7119, 53.9819, 44.1601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

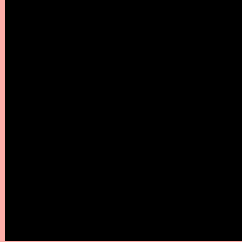
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7119, 53.9819, 44.1601

Background



This preview shows how black text looks on a background with the XYZ color 62.7119, 53.9819, 44.1601.



This preview shows how white text looks on a background with the XYZ color 62.7119, 53.9819,

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

62.7119, 53.9819, 44.1601

Protanopia

51.6848, 54.3545, 49.8869

Deuteranopia

55.3937, 54.1411, 43.6071



Tritanopia

64.5599, 53.8886, 52.8978

Trichromacy



Original Color

62.7119, 53.9819, 44.1601

Protanomaly

55.2291, 53.9688, 47.5505

Deuteranomaly

57.9639, 53.9081, 43.9095

Tritanomaly

63.7623, 53.8306, 49.6775

Monochromacy



Original Color

62.7119, 53.9819, 44.1601

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.6758, 54.6921, 54.0766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7119, 53.9819, 44.1601 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(253, 174, 168)` looks like.

```
.text, #text, p{  
    color:rgb(253, 174, 168)  
}
```

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(253, 174, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 174, 168) }
```

Border

The CSS property to change the border of an element to XYZ 62.7119, 53.9819, 44.1601 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(253, 174, 168) }
```


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

```
.border{ border-color:rgb(253, 174, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 174, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 174, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 174, 168);  
box-shadow:4px 4px 4px 4px rgb(253, 174,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7119, 53.9819, 44.1601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 174, 168) }
```

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

```
.background{ background-color: rgb(253,  
174, 168) }
```

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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