

Converting Colors

XYZ(62.8775, 53.3747, 43.5483)

Have a look what the booklet for
XYZ(62.8775, 53.3747, 43.5483)
contains.

XYZ(62.9676, 53.5551, 43.5776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.9676, 53.5551,
43.5776)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACA7
RGB	255, 172, 167
RGB Percent	100%, 67%, 65%
CMY	0.0000, 0.3255, 0.3451
CMYK	0.00, 0.33, 0.35, 0.00
HSL	3°, 100%, 83%
HSV	3°, 35%, 100%
XYZ	62.9676, 53.5551, 43.5776
YIQ	196.2470, 51.0730, 16.0410

Conversions

Conversions Part 2

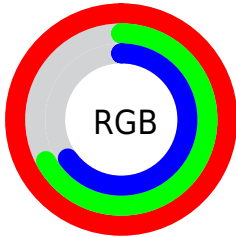
Format	Color
R _Y B	255, 172, 167
Decimal	16755879
CIE Lab	78.20, 29.83, 15.03
CIE LCh	78, 33.406, 26.735
Yxy	53.5551, 0.3933, 0.3345
Android (android.graphics.Color)	4294945959 (0xFFFFACA7)
YUV	196.2470, -14.4188, 51.5264
Hunter-Lab	73.1814, 25.5198, 15.9213

Details

The XYZ color **62.9676, 53.5551, 43.5776** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1705, 83.8035, 107.1905**, and the grayscale version is **52.6812, 55.4248, 60.3576**.

A 20% lighter version of the original color is **82.1682, 82.0207, 80.6081**, and **32.4563, 26.1672, 19.5598** is the 20% darker color. If you saturate the color by 10%, you get **56.6683, 44.3644, 30.9717**, and if you desaturate by 10%, it is **70.5627, 64.5933, 58.9095**.

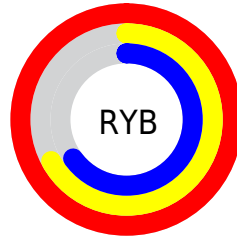
Distribution



Red (100%)

Green (67%)

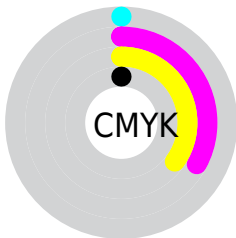
Blue (65%)



Red (100%)

Yellow (67%)

Blue (65%)

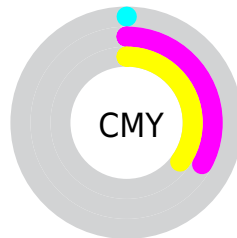


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9676, 53.5551, 43.5776 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 62.9676, 53.5551, 43.5776 by changing the saturation by 10% instead.

 62.9676, 53.5551,
43.5776


 62.9676, 53.5551,
43.5776


425.1134,
400.4112, 376.9726

 46.0735, 38.2461,
30.0038


 108.2048, 95.4207,
81.8774

 32.5087, 26.1737,
19.5894


 137.2787,
122.7461, 107.4406

 21.9078, 16.9537,
11.9158


171.1433,
154.8457, 137.8373

 13.9054, 10.2015,
6.5645

210.1639,
192.1039, 173.4860

 8.1362, 5.5327,
3.1170

254.7058,
234.9052, 214.8054

 4.2347, 2.5631,
1.1547

305.1345,

 1.8358, 0.9082,

283.6339, 262.2139

0.0000

361.8152,
338.6744, 316.1301

■ 0.5391, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9676, 53.5551,
43.5776

■ 62.9676, 53.5551,
43.5776

■ 56.6683, 44.3644,
30.9717

■ 70.5627, 64.5933,
58.9095

■ 51.5885, 36.9131,
20.9293

■ 79.5160, 77.5640,
77.1109

■ 47.6504, 31.0939,
13.2754

■ 89.8909, 92.5563,
98.3188

■ 44.7654, 26.7842,
7.8117

95.0500, 100.0000,
108.9000

■ 42.8318, 23.8444,
4.3082

■ 41.7277, 22.1085,
2.4836

■ 41.4039, 21.5878,
1.9846

Harmonies

Analogous

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



64.5041, 53.5551, 60.3861



62.9676, 53.5551, 43.5776



58.1095, 53.5551, 33.1047

Triad

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



62.9676, 53.5551, 43.5776



41.1038, 53.5551, 40.7191



50.1902, 53.5551, 102.1162

Complementary

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



62.9676, 53.5551, 43.5776



68.1705, 83.8035, 107.1905

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.



44.3175, 53.5551, 93.8679



62.9676, 53.5551, 43.5776



39.3615, 53.5551, 56.2868

Square

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



62.9676, 53.5551, 43.5776



45.4573, 53.5551, 31.7193



40.4863, 53.5551, 76.0425



56.7660, 53.5551, 96.7112

Rectangle

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



62.9676, 53.5551, 43.5776



53.8401, 53.5551, 29.8346



40.4863, 53.5551, 76.0425



48.0737, 53.5551, 100.8119

Sweetspot

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



62.9690, 53.5577, 43.5787



84.0148, 84.0692, 86.2942



72.4085, 55.8377, 97.8980



17.6758, 17.5508, 17.8437



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.



62.9690, 53.5577, 43.5787



58.7365, 47.3869, 35.0953



72.6177, 72.8552, 46.7949



18.0923, 18.1527, 18.6946



21.6671, 11.3454, 1.0479



2.1375, 1.1603, 0.1113

Inverse Universe

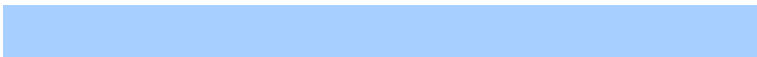
The Inverse Universe completely reimagines the original color for something new.



68.1705, 83.8035, 107.1905



64.6028, 81.5310, 106.9399



56.2028, 59.8680, 103.2012



18.4612, 20.2939, 23.1941



25.8279, 36.5653, 55.1311



2.5407, 3.6120, 5.3766

Previews

White Background



This preview shows how the XYZ color 62.9676, 53.5551, 43.5776 looks on a white background.

Color Contrast Check

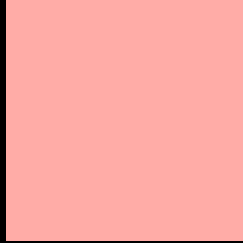
Large Text (above 18pt) WCAG AA × Fail

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 62.9676, 53.5551, 43.5776 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 62.9676, 53.5551, 43.5776

Background



This preview shows how black text looks on a background with the XYZ color 62.9676, 53.5551, 43.5776.



This preview shows how white text looks on a background with the XYZ color 62.9676, 53.5551,

43.5776.

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

62.9676, 53.5551, 43.5776

Protanopia

51.1932, 53.7718, 49.8003

Deuteranopia

54.6912, 53.4861, 42.5633



Tritanopia

64.1620, 53.4283, 51.7307

Trichromacy



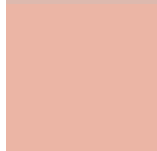
Original Color

62.9676, 53.5551, 43.5776



Protanomaly

54.8077, 53.1261, 47.4101



Deuteranomaly

57.5764, 53.4265, 42.8751



Tritanomaly

63.7387, 53.5601, 48.5737

Monochromacy



Original Color

62.9676, 53.5551, 43.5776



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.1426, 53.7951, 53.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9676, 53.5551, 43.5776 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, 172, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 167)  
}
```

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, 172, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 167) }
```

Border

The CSS property to change the border of an element to XYZ 62.9676, 53.5551, 43.5776 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, 172, 167) }
```


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

```
.border{ border-color:rgb(255, 172, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9676, 53.5551, 43.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 167) }
```

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

```
.background{ background-color: rgb(255,  
172, 167) }
```

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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