

Converting Colors

XYZ(75.7561, 58.9298, 45.1765)

Have a look what the booklet for
XYZ(75.7561, 58.9298, 45.1765)
contains.

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Color

**XYZ(62.4983, 52.1675,
44.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8AA
RGB	255, 168, 170
RGB Percent	100%, 66%, 67%
CMY	0.0000, 0.3412, 0.3333
CMYK	0.00, 0.34, 0.33, 0.00
HSL	359°, 100%, 83%
HSV	359°, 34%, 100%
XYZ	62.4983, 52.1675, 44.8055
YIQ	194.2410, 51.2100, 19.0660

Conversions

Conversions Part 2

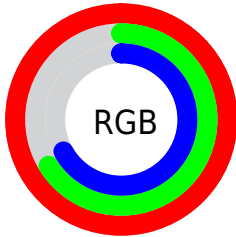
Format	Color
R _Y B	255, 168, 170
Decimal	16754858
CIE Lab	77.38, 32.29, 12.24
CIE LCh	77, 34.529, 20.764
Yxy	52.1675, 0.3919, 0.3271
Android (android.graphics.Color)	4294944938 (0xFFFFA8AA)
YUV	194.2410, -11.9508, 53.2856
Hunter-Lab	72.2271, 28.0592, 13.7789

Details

The XYZ color **62.4983, 52.1675, 44.8055** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.6403, 86.9377, 106.0432**, and the grayscale version is **51.4694, 54.1498, 58.9692**.

A 20% lighter version of the original color is **81.4863, 80.0076, 82.3824**, and **32.1657, 25.3052, 20.3286** is the 20% darker color. If you saturate the color by 10%, you get **56.1060, 42.8041, 32.1277**, and if you desaturate by 10%, it is **70.2630, 63.5606, 60.1454**.

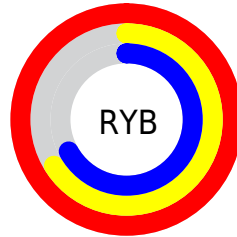
Distribution



Red (100%)

Green (66%)

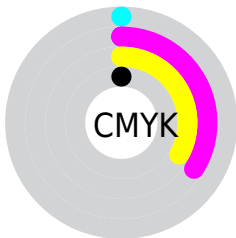
Blue (67%)



Red (100%)

Yellow (66%)

Blue (67%)

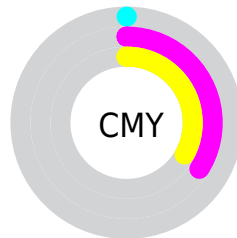


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4983, 52.1675, 44.8055 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 62.4983, 52.1675, 44.8055 by changing the saturation by 10% instead.


 62.4983, 52.1675,
44.8055

 62.4983, 52.1675,
44.8055


423.4351,
395.0829, 382.1224

 45.6926, 37.1386,
30.9624

 107.5313, 93.3782,
83.7438

 32.2069, 25.3148,
20.3120


 136.4892,
120.3288, 109.6761

 21.6759, 16.3118,
12.4357


170.2287,
152.0221, 140.4753

 13.7342, 9.7450,
6.9150

209.1149,
188.8425, 176.5598

 8.0165, 5.2302,
3.3314

253.5133,
231.1744, 218.3482

 4.1574, 2.3830,
1.2662

303.7892,

 1.7916, 0.8171,

279.4022, 266.2591

0.0339

360.3080,
333.9102, 320.7110

■ 0.5126, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4983, 52.1675,
44.8055

■ 62.4983, 52.1675,
44.8055

■ 56.1060, 42.8041,
32.1277

■ 70.2630, 63.5606,
60.1454

■ 51.0026, 35.3443,
21.9576

■ 79.4692, 77.0848,
78.2838

■ 47.1017, 29.6599,
14.1298

■ 90.1862, 92.8438,
99.3513

■ 44.3049, 25.6037,
8.4576

95.0500, 100.0000,
108.9000

■ 42.4979, 23.0047,
4.7262

■ 41.5418, 21.6542,
2.6760

■ 41.2720, 21.2728,
2.0987

Harmonies

Analogous

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



63.2756, 52.1675, 62.8715



62.4983, 52.1675, 44.8055



58.1009, 52.1675, 32.9368

Triad

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



62.4983, 52.1675, 44.8055



40.3420, 52.1675, 36.6796



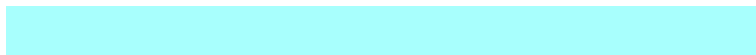
47.5636, 52.1675, 101.0483

Complementary

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



62.4983, 52.1675, 44.8055



69.6403, 86.9377, 106.0432

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.



41.9423, 52.1675, 90.0704



62.4983, 52.1675, 44.8055



38.0247, 52.1675, 51.1354

Square

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



62.4983, 52.1675, 44.8055



45.1959, 52.1675, 29.0240



38.5832, 52.1675, 70.7677



54.2465, 52.1675, 98.2846

Rectangle

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



62.4983, 52.1675, 44.8055



53.9078, 52.1675, 28.8115



38.5832, 52.1675, 70.7677



45.4972, 52.1675, 98.7657

Sweetspot

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



62.4996, 52.1700, 44.8065



83.6927, 83.2937, 86.5915



72.2350, 55.9418, 101.5984



17.5987, 17.3652, 17.9148



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.



62.4996, 52.1700, 44.8065



57.9554, 45.5115, 35.8009



71.0118, 69.4940, 46.7199



18.0263, 17.9938, 18.7555



21.5728, 11.1184, 1.1350



2.1061, 1.0848, 0.1404

Inverse Universe

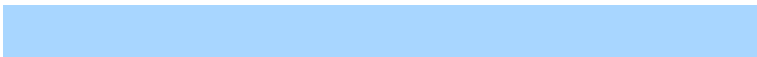
The Inverse Universe completely reimagines the original color for something new.



62.4996, 52.1700, 44.8065



57.9554, 45.5115, 35.8009



58.3485, 63.8430, 103.8554



18.0263, 17.9938, 18.7555



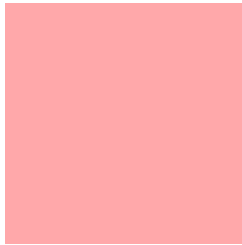
21.5728, 11.1184, 1.1350



2.1061, 1.0848, 0.1404

Previews

White Background



This preview shows how the XYZ color 62.4983, 52.1675, 44.8055 looks on a white background.

Color Contrast Check

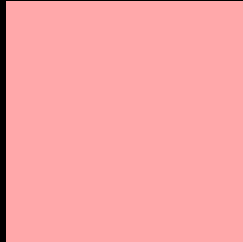
Large Text (above 18pt) WCAG AA × Fail

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 62.4983, 52.1675, 44.8055 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 62.4983, 52.1675, 44.8055

Background



This preview shows how black text looks on a background with the XYZ color 62.4983, 52.1675, 44.8055.



This preview shows how white text looks on a background with the XYZ color 62.4983, 52.1675,

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

62.4983, 52.1675, 44.8055

Protanopia

50.1003, 52.5093, 51.7507

Deuteranopia

53.3290, 52.1311, 43.8108



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

62.4983, 52.1675, 44.8055



Protanomaly

53.8828, 51.9868, 49.3140



Deuteranomaly

56.2670, 51.8237, 44.0832



Tritanomaly

62.8952, 52.0320, 47.8025

Monochromacy



Original Color

62.4983, 52.1675, 44.8055



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.4248, 52.7996, 53.2218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4983, 52.1675, 44.8055 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, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 170)  
}
```

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, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 170) }
```

Border

The CSS property to change the border of an element to XYZ 62.4983, 52.1675, 44.8055 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, 168, 170) }
```


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

```
.border{ border-color:rgb(255, 168, 170) }
```

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

Here you see how a box with a 4 pixel rgb(255, 168, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4983, 52.1675, 44.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 170) }
```

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

```
.background{ background-color: rgb(255,  
168, 170) }
```

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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