

Converting Colors

XYZ(61.5507, 52.4852, 44.9471)

Have a look what the booklet for
XYZ(61.5507, 52.4852, 44.9471)
contains.

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Color

**XYZ(61.6023, 52.5373,
44.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	FBABAA
RGB	251, 171, 170
RGB Percent	98%, 67%, 67%
CMY	0.0157, 0.3294, 0.3333
CMYK	0.00, 0.32, 0.32, 0.02
HSL	1°, 91%, 83%
HSV	1°, 32%, 98%
XYZ	61.6023, 52.5373, 44.9241
YIQ	194.8060, 48.0010, 16.6490

Conversions

Conversions Part 2

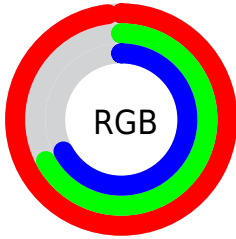
Format	Color
R _Y B	251, 171, 170
Decimal	16493482
CIE Lab	77.60, 29.25, 12.49
CIE LCh	78, 31.805, 23.122
Yxy	52.5373, 0.3873, 0.3303
Android (android.graphics.Color)	4294683562 (0xFFFBABAA)
YUV	194.8060, -12.2294, 49.2821
Hunter-Lab	72.4826, 24.8609, 13.9904

Details

The XYZ color **61.6023, 52.5373, 44.9241** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1746, 83.8795, 103.8642**, and the grayscale version is **51.8080, 54.5060, 59.3571**.

A 20% lighter version of the original color is **82.2997, 81.6344, 82.6535**, and **31.7408, 25.6023, 20.4084** is the 20% darker color. If you saturate the color by 10%, you get **55.1995, 43.1755, 32.1725**, and if you desaturate by 10%, it is **69.3393, 63.8414, 60.3578**.

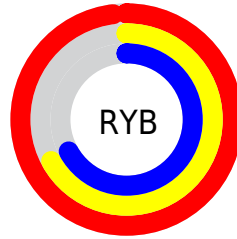
Distribution



Red (98%)

Green (67%)

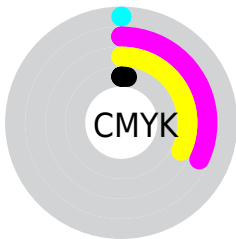
Blue (67%)



Red (98%)

Yellow (67%)

Blue (67%)

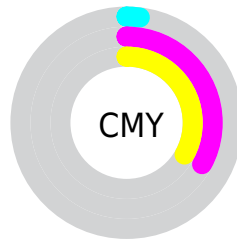


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (2%)



Cyan (2%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6023, 52.5373, 44.9241 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 61.6023, 52.5373, 44.9241 by changing the saturation by 10% instead.


 61.6023, 52.5373,
44.9241

 61.6023, 52.5373,
44.9241


420.2196,
396.5074, 382.6172

 44.9658, 37.4335,
31.0551


 106.2437, 93.9232,
83.9237

 31.6317, 25.5433,
20.3820


134.9794,
120.9740, 109.8915

 21.2345, 16.4823,
12.4862


168.4788,
152.7761, 140.7293

 13.4090, 9.8661,
6.9492

207.1073,
189.7137, 176.8556

 7.7897, 5.3103,
3.3524

251.2303,
232.1712, 218.6890

 4.0113, 2.4304,
1.2773

301.2131,

 1.7086, 0.8415,

280.5331, 266.6481

0.0430

357.4211,
335.1837, 321.1513

■ 0.4616, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6023, 52.5373,
44.9241

■ 61.6023, 52.5373,
44.9241

■ 55.1995, 43.1755,
32.1725

■ 69.3393, 63.8414,
60.3578

■ 50.0515, 35.6398,
21.9473

■ 78.4753, 77.1805,
78.6112

■ 46.0773, 29.8132,
14.0814

■ 89.0763, 92.6504,
99.8161

■ 43.1845, 25.5621,
8.3864

■ 93.5938, 99.2493,
108.8319

■ 41.2669, 22.7330,
4.6455

■ 40.1970, 21.1421,
2.5964

■ 39.8176, 20.5769,
1.8731

Harmonies

Analogous

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



62.6011, 52.5373, 61.3506



61.6023, 52.5373, 44.9241



57.3626, 52.5373, 34.1908

Triad

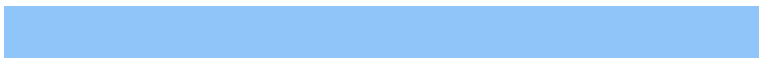
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6023, 52.5373, 44.9241



41.0717, 52.5373, 39.2135



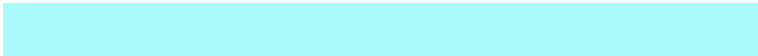
48.5343, 52.5373, 97.7805

Complementary

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



61.6023, 52.5373, 44.9241



68.1746, 83.8795, 103.8642

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.



43.1782, 52.5373, 88.7476



61.6023, 52.5373, 44.9241



39.1044, 52.5373, 53.2489

Square

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



61.6023, 52.5373, 44.9241



45.4397, 52.5373, 31.3968



39.8427, 52.5373, 71.5400



54.7177, 52.5373, 94.2868

Rectangle

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



61.6023, 52.5373, 44.9241



53.4428, 52.5373, 30.5596



39.8427, 52.5373, 71.5400



46.5844, 52.5373, 96.0560

Sweetspot

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



61.6037, 52.5398, 44.9251



83.6985, 83.4366, 86.1888



71.5714, 56.2243, 98.3472



17.6001, 17.3994, 17.8185



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.



61.6037, 52.5398, 44.9251



59.2232, 47.6860, 37.3360



70.2100, 69.7525, 47.7939



17.2619, 17.2597, 17.8840



20.9373, 10.8313, 0.9871



1.9450, 1.0149, 0.0934

Inverse Universe

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



68.1746, 83.8795, 103.8642



67.0410, 84.9783, 107.4768



57.1609, 61.8521, 100.1930



17.7463, 19.5694, 22.2272



26.7873, 38.9302, 54.0760



2.4867, 3.6172, 5.0103

Previews

White Background



This preview shows how the XYZ color 61.6023, 52.5373, 44.9241 looks on a white background.

Color Contrast Check

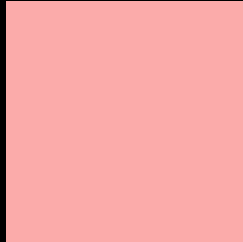
Large Text (above 18pt) WCAG AA × Fail

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 61.6023, 52.5373, 44.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

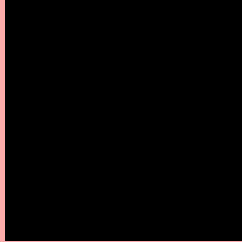
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6023, 52.5373, 44.9241

Background



This preview shows how black text looks on a background with the XYZ color 61.6023, 52.5373, 44.9241.



This preview shows how white text looks on a background with the XYZ color 61.6023, 52.5373,

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

61.6023, 52.5373, 44.9241

Protanopia

50.2600, 52.6036, 51.2206

Deuteranopia

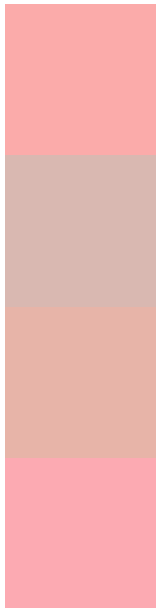
53.8392, 52.7036, 43.8944



Tritanopia

62.7763, 52.4488, 51.0709

Trichromacy



Original Color

61.6023, 52.5373, 44.9241

Protanomaly

53.6916, 52.2070, 48.8421

Deuteranomaly

56.3441, 52.4586, 44.2017

Tritanomaly

62.5555, 52.6593, 48.9867

Monochromacy



Original Color

61.6023, 52.5373, 44.9241

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.4462, 53.1101, 53.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6023, 52.5373, 44.9241 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(251, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(251, 171, 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(251, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 61.6023, 52.5373, 44.9241 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(251, 171, 170) }
```


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

```
.border{ border-color:rgb(251, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(251, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6023, 52.5373, 44.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 171, 170) }
```

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

```
.background{ background-color: rgb(251,  
171, 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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