

Converting Colors

XYZ(61.9827, 50.0460, 51.1863)

Have a look what the booklet for
XYZ(61.9827, 50.0460, 51.1863)
contains.

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Color

**XYZ(61.9756, 50.1422,
51.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	FDA2B7
RGB	253, 162, 183
RGB Percent	99%, 64%, 72%
CMY	0.0078, 0.3647, 0.2823
CMYK	0.00, 0.36, 0.28, 0.01
HSL	346°, 96%, 81%
HSV	346°, 36%, 99%
XYZ	61.9756, 50.1422, 51.2117
YIQ	191.6030, 47.4950, 25.8230

Conversions

Conversions Part 2

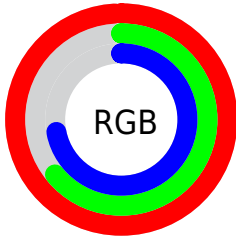
Format	Color
R_{YB}	253, 162, 183
Decimal	16622263
CIE _{Lab}	76.16, 36.35, 3.35
CIE _{LCh}	76, 36.503, 5.271
Yxy	50.1422, 0.3795, 0.3070
Android (android.graphics.Color)	4294812343 (0xFFFDA2B7)
YUV	191.6030, -4.2413, 53.8452
Hunter-Lab	70.8112, 32.3079, 6.6884

Details

The XYZ color **61.9756, 50.1422, 51.2117** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.5933, 83.7594, 89.1109**, and the grayscale version is **49.8773, 52.4748, 57.1451**.

A 20% lighter version of the original color is **81.8914, 77.6348, 92.3302**, and **31.7460, 24.0183, 24.0819** is the 20% darker color. If you saturate the color by 10%, you get **56.0714, 41.3544, 39.9307**, and if you desaturate by 10%, it is **69.0593, 60.8398, 64.2689**.

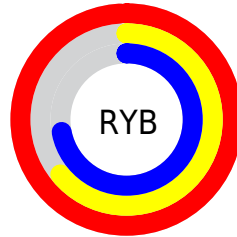
Distribution



Red (99%)

Green (64%)

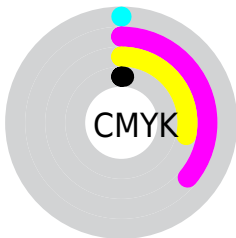
Blue (72%)



Red (99%)

Yellow (64%)

Blue (72%)

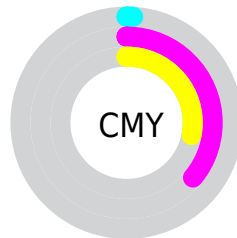


Cyan (0%)

Magenta (36%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (36%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9756, 50.1422, 51.2117 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 61.9756, 50.1422, 51.2117 by changing the saturation by 10% instead.


 61.9756, 50.1422,
51.2117


 61.9756, 50.1422,
51.2117


421.5611,
387.2218, 408.2557

 45.2685, 35.5264,
35.9992

 106.7804, 90.3855,
93.3823

 31.8712, 24.0686,
24.1439


 135.6088,
116.7818, 121.1776

 21.4182, 15.3846,
15.2272

169.2084,
147.8738, 154.0041

 13.5442, 9.0897,
8.8306

207.9445,
184.0458, 192.2805

 7.8839, 4.7997,
4.5356

252.1824,
225.6822, 236.4254

 4.0719, 2.1303,
1.9235

302.2876,

 1.7429, 0.6816,

273.1674, 286.8572

0.5076

358.6254,
326.8858, 343.9944

■ 0.4829, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9756, 50.1422,
51.2117

■ 61.9756, 50.1422,
51.2117

■ 56.0714, 41.3544,
39.9307

■ 69.0593, 60.8398,
64.2689

■ 51.2769, 34.3564,
30.3448

■ 77.3785, 73.5435,
79.1726

■ 47.5214, 29.0261,
22.3707

■ 86.9909, 88.3516,
95.9928

■ 44.7241, 25.2226,
15.9164

94.3181, 99.6227,
108.8657

■ 42.7913, 22.7817,
10.8802

■ 41.6090, 21.5003,
7.1461

■ 41.2814, 21.1920,
5.9677

Harmonies

Analogous

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



60.6164, 50.1422, 71.8983



61.9756, 50.1422, 51.2117



59.2104, 50.1422, 35.6228

Triad

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



61.9756, 50.1422, 51.2117



40.4671, 50.1422, 29.2773



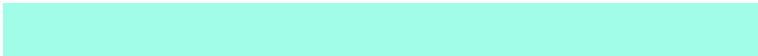
42.3710, 50.1422, 96.4023

Complementary

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



61.9756, 50.1422, 51.2117



64.5933, 83.7594, 89.1109

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.



37.7165, 50.1422, 79.3350



61.9756, 50.1422, 51.2117



36.6931, 50.1422, 40.3199

Square

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



61.9756, 50.1422, 51.2117



46.4617, 50.1422, 25.0450



35.7361, 50.1422, 58.1269



48.8760, 50.1422, 101.2911

Rectangle

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



61.9756, 50.1422, 51.2117



55.5424, 50.1422, 29.1425



35.7361, 50.1422, 58.1269



40.5586, 50.1422, 91.7283

Sweetspot

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



61.9770, 50.1446, 51.2127



83.4637, 82.0782, 88.8508



63.8547, 50.0519, 99.2243



17.5834, 17.1351, 18.5248



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.



61.9770, 50.1446, 51.2127



58.7362, 44.5448, 43.8552



64.6465, 58.7239, 42.1130



18.1810, 18.0557, 19.5705



22.0058, 11.2916, 3.4150



2.1823, 1.1153, 0.5414

Inverse Universe

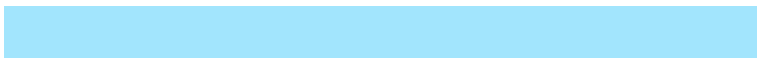
The Inverse Universe completely reimagines the original color for something new.



61.9770, 50.1446, 51.2127



58.7362, 44.5448, 43.8552



60.5774, 70.6662, 103.3760



18.1810, 18.0557, 19.5705



22.0058, 11.2916, 3.4150



2.1823, 1.1153, 0.5414

Previews

White Background



This preview shows how the XYZ color 61.9756, 50.1422, 51.2117 looks on a white background.

Color Contrast Check

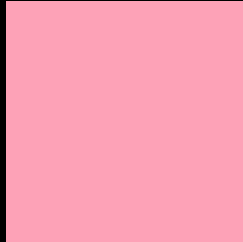
Large Text (above 18pt) WCAG AA × Fail

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 61.9756, 50.1422, 51.2117 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 61.9756, 50.1422, 51.2117

Background



This preview shows how black text looks on a background with the XYZ color 61.9756, 50.1422, 51.2117.



This preview shows how white text looks on a background with the XYZ color 61.9756, 50.1422,

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

61.9756, 50.1422, 51.2117

Protanopia

48.9496, 50.4367, 60.5814

Deuteranopia

51.4430, 50.4122, 49.6670



Tritanopia

61.0785, 50.0244, 47.5108

Trichromacy



Original Color

61.9756, 50.1422, 51.2117



Protanomaly

52.6974, 49.6881, 57.2654



Deuteranomaly

54.9322, 50.1240, 49.9597



Tritanomaly

61.3788, 50.1445, 49.0917

Monochromacy



Original Color

61.9756, 50.1422, 51.2117



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.4407, 51.0180, 55.1749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9756, 50.1422, 51.2117 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, 162, 183)` looks like.

```
.text, #text, p{  
    color:rgb(253, 162, 183)  
}
```

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, 162, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 162, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.9756, 50.1422, 51.2117 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, 162, 183) }
```


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

```
.border{ border-color:rgb(253, 162, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 162, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 162, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 162, 183); box-shadow:4px 4px 4px 4px rgb(253, 162, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9756, 50.1422, 51.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 162, 183) }
```

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

```
.background{ background-color: rgb(253,  
162, 183) }
```

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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