

# Converting Colors

XYZ(60.9638, 53.1070, 62.4024)

Have a look what the booklet for  
XYZ(60.9638, 53.1070, 62.4024)  
contains.

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# Color

**XYZ(60.7976, 52.8815,  
62.2611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDAFC9
RGB	237, 175, 201
RGB Percent	93%, 69%, 79%
CMY	0.0706, 0.3137, 0.2118
CMYK	0.00, 0.26, 0.15, 0.07
HSL	335°, 63%, 81%
HSV	335°, 26%, 93%
XYZ	60.7976, 52.8815, 62.2611
YIQ	196.5020, 28.6060, 21.2300

# Conversions

## Conversions Part 2

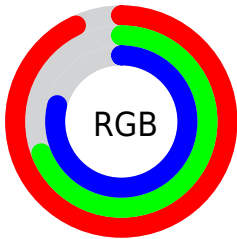
Format	Color
R <sub>Y</sub> B	237, 175, 201
Decimal	15577033
CIE Lab	77.80, 26.48, -4.27
CIE LCh	78, 26.821, 350.839
Yxy	52.8815, 0.3456, 0.3006
Android (android.graphics.Color)	4293767113 (0xFFEDAFC9)
YUV	196.5020, 2.2175, 35.5167
Hunter-Lab	72.7197, 21.9763, 0.1409

# Details

The XYZ color **60.7976, 52.8815, 62.2611** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.7234, 74.3868, 72.8418**, and the grayscale version is **52.7471, 55.4941, 60.4331**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **31.0484, 25.7289, 30.9335** is the 20% darker color. If you saturate the color by 10%, you get **55.0364, 43.8345, 52.7081**, and if you desaturate by 10%, it is **67.5164, 63.6104, 72.8502**.

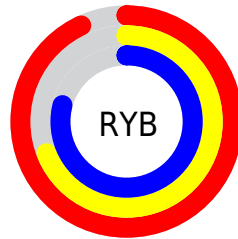
# Distribution



Red (93%)

Green (69%)

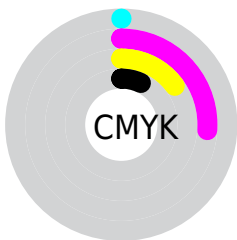
Blue (79%)



Red (93%)

Yellow (69%)

Blue (79%)

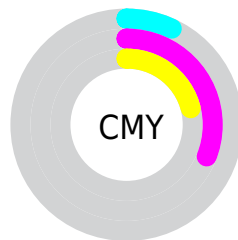


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (7%)



Cyan (7%)

Magenta (31%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7976, 52.8815, 62.2611 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 60.7976, 52.8815, 62.2611 by changing the saturation by 10% instead.



60.7976, 52.8815,  
62.2611

60.7976, 52.8815,  
62.2611

417.3193,  
397.8303, 450.9168

44.3138, 37.7082,  
44.8066

105.0856, 94.4300,  
109.6781

31.1162, 25.7563,  
30.9632

133.6205,  
121.5739, 140.4776

20.8396, 16.6414,  
20.3126

166.9031,  
153.4769, 176.5624

13.1186, 9.9791,  
12.4362

205.2987,  
190.5232, 218.3513

7.5878, 5.3851,  
6.9153

249.1728,  
233.0973, 266.2626

3.8819, 2.4750,  
3.3316

298.8907,

1.6356, 0.8641,

281.5836, 320.7149

1.2663

354.8177,  
336.3665, 382.1268

■ 0.4154, 0.0000,  
0.0340

■ 0.0000, 0.0000,  
0.0000

■ 60.7976, 52.8815,  
62.2611

■ 60.7976, 52.8815,  
62.2611

■ 55.0364, 43.8345,  
52.7081

■ 67.5164, 63.6104,  
72.8502

■ 50.1821, 36.3759,  
44.1537

■ 75.2312, 76.0937,  
84.5044

■ 46.1863, 30.4143,  
36.5631

■ 83.9836, 90.4088,  
97.2556

■ 42.9936, 25.8459,  
29.8973

■ 88.7353, 96.7446,  
108.6045

■ 40.5419, 22.5534,  
24.1144

■ 38.7592, 20.3998,  
19.1677

■ 37.5567, 19.2154,  
15.0040

■ 37.1955, 18.9127,  
13.5894

# Harmonies

## Analogous

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



58.4234, 52.8815, 77.6291



60.7976, 52.8815, 62.2611



60.2016, 52.8815, 47.9780

# Triad

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



60.7976, 52.8815, 62.2611



46.7874, 52.8815, 34.7423



44.2068, 52.8815, 82.7681

# Complementary

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



60.7976, 52.8815, 62.2611



59.7234, 74.3868, 72.8418

# 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.



41.4820, 52.8815, 68.3823



60.7976, 52.8815, 62.2611



42.8989, 52.8815, 41.3176

# Square

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



60.7976, 52.8815, 62.2611



51.8716, 52.8815, 33.6762



41.0203, 52.8815, 53.1377



48.6866, 52.8815, 90.7415



# Rectangle

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



60.7976, 52.8815, 62.2611



58.2155, 52.8815, 40.8047



41.0203, 52.8815, 53.1377



43.0685, 52.8815, 78.4160

# Sweetspot

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



60.7991, 52.8839, 62.2622



87.0349, 86.9282, 97.1076



57.2344, 50.4983, 86.8518



18.3253, 18.1134, 20.3303



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.



60.7991, 52.8839, 62.2622



68.2762, 56.8993, 67.7686



58.8116, 53.3958, 47.7671



15.3275, 15.1588, 17.0098



20.3694, 10.3505, 7.7466



1.6465, 0.8316, 0.8560



# Inverse Universe

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



60.7991, 52.8839, 62.2622



68.2762, 56.8993, 67.7686



62.0681, 73.4320, 91.0237



15.3275, 15.1588, 17.0098



20.3694, 10.3505, 7.7466



1.6465, 0.8316, 0.8560



# Previews

## White Background



This preview shows how the XYZ color 60.7976, 52.8815, 62.2611 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

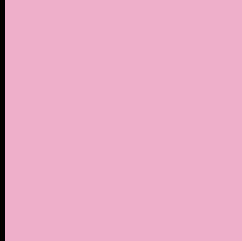
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.7976, 52.8815, 62.2611 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

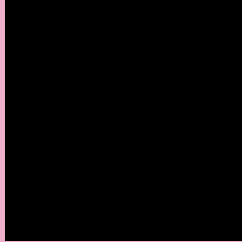
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.7976, 52.8815, 62.2611**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.7976, 52.8815, 62.2611.



This preview shows how white text looks on a background with the XYZ color 60.7976, 52.8815,



# 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

60.7976, 52.8815, 62.2611

### Protanopia

51.8745, 53.0411, 69.1319

### Deuteranopia

54.0916, 53.0741, 61.4262



## Tritanopia

59.6085, 52.9949, 55.8025

# Trichromacy



## Original Color

60.7976, 52.8815, 62.2611

## Protanomaly

54.6239, 52.6128, 66.3078

## Deuteranomaly

56.5722, 53.0972, 61.9107

## Tritanomaly

59.8550, 52.7786, 58.0715

# Monochromacy



## Original Color

60.7976, 52.8815, 62.2611

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

55.5420, 54.4695, 61.0124

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.7976, 52.8815, 62.2611 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(237, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(237, 175, 201)  
}
```

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(237, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 175, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 60.7976, 52.8815, 62.2611 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(237, 175, 201) }
```



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

```
.border{ border-color:rgb(237, 175, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(237, 175,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.7976, 52.8815, 62.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 175, 201) }
```

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

```
.background{ background-color: rgb(237,  
175, 201) }
```

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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