

Converting Colors

XYZ(61.2600, 50.7848, 52.9245)

Have a look what the booklet for
XYZ(61.2600, 50.7848, 52.9245)
contains.

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Color

**XYZ(61.2105, 50.7741,
53.0286)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A6BA
RGB	248, 166, 186
RGB Percent	97%, 65%, 73%
CMY	0.0275, 0.3490, 0.2706
CMYK	0.00, 0.33, 0.25, 0.03
HSL	345°, 85%, 81%
HSV	345°, 33%, 97%
XYZ	61.2105, 50.7741, 53.0286
YIQ	192.7980, 42.4520, 23.6040

Conversions

Conversions Part 2

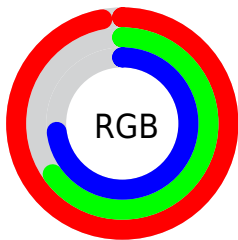
Format	Color
R _Y B	248, 166, 186
Decimal	16295610
CIE Lab	76.54, 32.90, 2.20
CIE LCh	77, 32.969, 3.827
Yxy	50.7741, 0.3709, 0.3077
Android (android.graphics.Color)	4294485690 (0xFFF8A6BA)
YUV	192.7980, -3.3514, 48.4122
Hunter-Lab	71.2559, 28.6377, 5.7556

Details

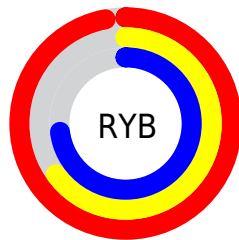
The XYZ color **61.2105, 50.7741, 53.0286** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2991, 80.8444, 85.6711**, and the grayscale version is **50.5728, 53.2065, 57.9419**.

A 20% lighter version of the original color is **83.3883, 79.9134, 95.0342**, and **31.3740, 24.4509, 25.2562** is the 20% darker color. If you saturate the color by 10%, you get **55.2649, 41.8664, 41.8481**, and if you desaturate by 10%, it is **68.2898, 61.5296, 65.8789**.

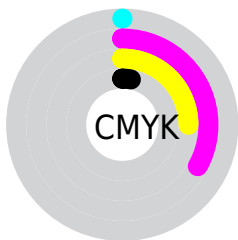
Distribution



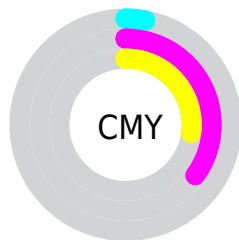
- Red (97%)
- Green (65%)
- Blue (73%)



- Red (97%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2105, 50.7741, 53.0286 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 61.2105, 50.7741, 53.0286 by changing the saturation by 10% instead.


 61.2105, 50.7741,
53.0286


 61.2105, 50.7741,
53.0286


418.8090,
389.6855, 415.4642

 44.6483, 36.0289,
37.4377


 105.6801, 91.3208,
96.0884

 31.3806, 24.4565,
25.2481


 134.3181,
117.8910, 124.3945

 21.0421, 15.6726,
16.0413


167.7121,
149.1716, 157.7759

 13.2674, 9.2928,
9.3987

206.2274,
185.5472, 196.6514

 7.6912, 4.9326,
4.9018

250.2294,
227.4019, 241.4395

 3.9481, 2.2078,
2.1320

300.0834,

 1.6728, 0.7242,

275.1203, 292.5586

0.6347

356.1548,
329.0867, 350.4273

■ 0.4392, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2105, 50.7741,
53.0286

■ 61.2105, 50.7741,
53.0286

■ 55.2649, 41.8664,
41.8481

■ 68.2898, 61.5296,
65.8789

■ 50.3885, 34.6951,
32.2644

■ 76.5543, 74.2219,
80.4616

■ 46.5167, 29.1476,
24.2034

■ 86.0572, 88.9426,
96.8399

■ 43.5759, 25.0953,
17.5837

■ 92.5215, 98.6965,
108.7817

■ 41.4819, 22.3898,
12.3154

■ 40.1339, 20.8513,
8.2977

■ 39.5397, 20.2878,
6.1732

Harmonies

Analogous

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



59.8148, 50.7741, 71.8202



61.2105, 50.7741, 53.0286



58.8981, 50.7741, 38.3170

Triad

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



61.2105, 50.7741, 53.0286



41.8997, 50.7741, 31.4223



43.1712, 50.7741, 92.0969

Complementary

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



61.2105, 50.7741, 53.0286



63.2991, 80.8444, 85.6711

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.



38.9855, 50.7741, 76.6407



61.2105, 50.7741, 53.0286



38.2969, 50.7741, 41.5040

Square

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



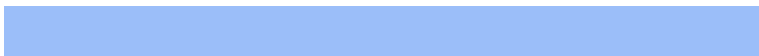
61.2105, 50.7741, 53.0286



47.4650, 50.7741, 27.6557



37.2773, 50.7741, 57.6032



49.0623, 50.7741, 97.0126

Rectangle

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



61.2105, 50.7741, 53.0286



55.6722, 50.7741, 31.9779



37.2773, 50.7741, 57.6032



41.5354, 50.7741, 87.8196

Sweetspot

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



61.2119, 50.7765, 53.0296



84.4973, 83.6155, 90.8284



62.4178, 50.4647, 95.2580



17.7917, 17.4424, 18.9310



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.



61.2119, 50.7765, 53.0296



60.6544, 47.2517, 47.9765



63.2605, 58.0408, 43.9483



17.4181, 17.2946, 18.7917



21.4054, 10.9779, 3.5771



2.0225, 1.0327, 0.5418

Inverse Universe

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



61.2119, 50.7765, 53.0296



60.6544, 47.2517, 47.9765



60.2771, 70.0981, 99.1604



17.4181, 17.2946, 18.7917



21.4054, 10.9779, 3.5771



2.0225, 1.0327, 0.5418

Previews

White Background



This preview shows how the XYZ color 61.2105, 50.7741, 53.0286 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 61.2105, 50.7741, 53.0286 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 61.2105, 50.7741, 53.0286

Background



This preview shows how black text looks on a background with the XYZ color 61.2105, 50.7741, 53.0286.



This preview shows how white text looks on a background with the XYZ color 61.2105, 50.7741,

53.0286.

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

61.2105, 50.7741, 53.0286

Protanopia

49.5272, 51.0371, 61.2736

Deuteranopia

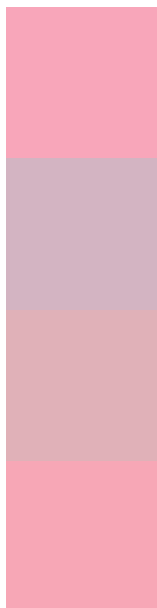
52.0591, 50.9875, 51.8975



Tritanopia

60.4147, 50.7069, 49.7832

Trichromacy



Original Color

61.2105, 50.7741, 53.0286

Protanomaly

52.9228, 50.3864, 57.9752

Deuteranomaly

55.1143, 50.7523, 52.2387

Tritanomaly

60.6200, 50.7890, 50.8642

Monochromacy



Original Color

61.2105, 50.7741, 53.0286

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.6683, 51.7308, 55.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2105, 50.7741, 53.0286 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(248, 166, 186)` looks like.

```
.text, #text, p{  
    color:rgb(248, 166, 186)  
}
```

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(248, 166, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 166, 186) }
```

Border

The CSS property to change the border of an element to XYZ 61.2105, 50.7741, 53.0286 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(248, 166, 186) }
```


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

```
.border{ border-color:rgb(248, 166, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 166, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 166, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 166, 186);  
box-shadow:4px 4px 4px 4px rgb(248, 166,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2105, 50.7741, 53.0286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 166, 186) }
```

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

```
.background{ background-color: rgb(248,  
166, 186) }
```

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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