

Converting Colors

XYZ(61.9224, 56.3493, 45.9905)

Have a look what the booklet for
XYZ(61.9224, 56.3493, 45.9905)
contains.

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Color

**XYZ(61.9404, 56.2197,
46.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B7AB
RGB	245, 183, 171
RGB Percent	96%, 72%, 67%
CMY	0.0392, 0.2823, 0.3294
CMYK	0.00, 0.25, 0.30, 0.04
HSL	10°, 79%, 82%
HSV	10°, 30%, 96%
XYZ	61.9404, 56.2197, 46.1150
YIQ	200.1700, 40.8040, 9.4120

Conversions

Conversions Part 2

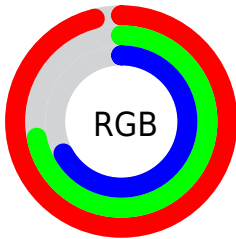
Format	Color
RYB	245, 185, 171
Decimal	16103339
CIELab	79.74, 20.83, 14.87
CIELCh	80, 25.590, 35.529
Yxy	56.2197, 0.3771, 0.3422
Android (android.graphics.Color)	4294293419 (0xFFFF5B7AB)
YUV	200.1700, -14.3808, 39.3159
Hunter-Lab	74.9798, 16.2432, 16.0206

Details

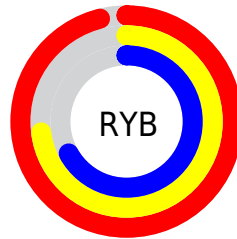
The XYZ color **61.9404, 56.2197, 46.1150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4141, 73.5262, 97.2889**, and the grayscale version is **55.0739, 57.9421, 63.0989**.

A 20% lighter version of the original color is **85.8340, 88.4840, 84.5067**, and **31.8059, 27.8620, 21.1543** is the 20% darker color. If you saturate the color by 10%, you get **55.8889, 47.5138, 33.6245**, and if you desaturate by 10%, it is **69.0452, 66.3388, 61.0932**.

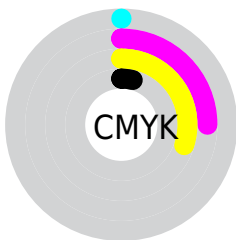
Distribution



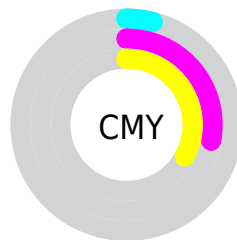
- Red (96%)
- Green (72%)
- Blue (67%)



- Red (96%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9404, 56.2197, 46.1150 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 61.9404, 56.2197, 46.1150 by changing the saturation by 10% instead.


 61.9404, 56.2197,
46.1150

 61.9404, 56.2197,
46.1150


421.4347,
410.5189, 387.5618

 45.2400, 40.3791,
31.9873


 106.7298, 99.3257,
85.7272

 31.8486, 27.8342,
21.0870


135.5495,
127.3599, 112.0487

 21.4008, 18.2007,
12.9958


169.1396,
160.2275, 143.2719

 13.5314, 11.0942,
7.2949

207.8656,
198.3128, 179.8153

 7.8750, 6.1302,
3.5660

252.0927,
242.0001, 222.0974

 4.0662, 2.9244,
1.3904

302.1864,

 1.7397, 1.0924,

291.6740, 270.5369

0.1342

358.5119,
347.7188, 325.5521

■ 0.4809, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9404, 56.2197,
46.1150

■ 61.9404, 56.2197,
46.1150

■ 55.8889, 47.5138,
33.6245

■ 69.0452, 66.3388,
61.0932

■ 50.8356, 40.1503,
23.4833

■ 77.2458, 77.9219,
78.6804

■ 46.7271, 34.0644,
15.5445

■ 86.5880, 91.0272,
98.9942

■ 43.5033, 29.1823,
9.6434

■ 91.4663, 98.1525,
108.7323

■ 41.0967, 25.4230,
5.5920

■ 39.4294, 22.6948,
3.1666

■ 38.4066, 20.9130,
2.0124

Harmonies

Analogous

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



63.9531, 56.2197, 58.5113



61.9404, 56.2197, 46.1150



57.6596, 56.2197, 38.7855

Triad

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



61.9404, 56.2197, 46.1150



44.8883, 56.2197, 50.1617



54.3987, 56.2197, 94.1489

Complementary

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



61.9404, 56.2197, 46.1150



62.4141, 73.5262, 97.2889

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.



49.4222, 56.2197, 90.9547



61.9404, 56.2197, 46.1150



44.1386, 56.2197, 63.9980

Square

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



61.9404, 56.2197, 46.1150



47.8640, 56.2197, 40.8445



45.7464, 56.2197, 79.2934



59.4227, 56.2197, 87.4293

Rectangle

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



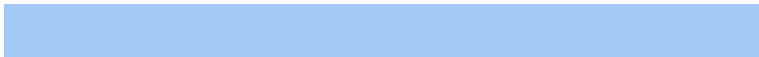
61.9404, 56.2197, 46.1150



54.2138, 56.2197, 36.9912



45.7464, 56.2197, 79.2934



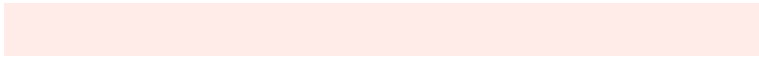
52.6640, 56.2197, 94.2100

Sweetspot

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



61.9419, 56.2223, 46.1161



85.7428, 86.9494, 88.6449



67.0565, 54.4737, 84.7472



18.0511, 18.1868, 18.3224



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.



61.9419, 56.2223, 46.1161



63.8076, 55.7891, 42.1497



70.3650, 73.0685, 48.9238



16.7162, 16.9166, 17.1818



20.7555, 11.3965, 1.1058



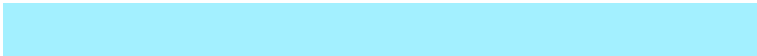
1.8862, 1.1257, 0.1179

Inverse Universe

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



62.4141, 73.5262, 97.2889



64.3870, 77.4112, 106.1561



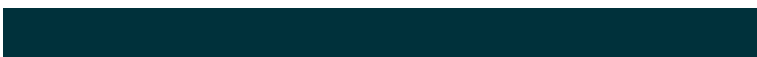
53.2202, 55.1383, 94.2243



16.7544, 18.2732, 21.1866



20.7592, 27.3123, 50.7157



1.8844, 2.5201, 4.4774

Previews

White Background



This preview shows how the XYZ color 61.9404, 56.2197, 46.1150 looks on a white background.

Color Contrast Check

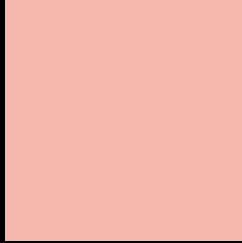
Large Text (above 18pt) WCAG AA × Fail

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 61.9404, 56.2197, 46.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

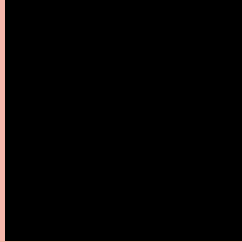
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9404, 56.2197, 46.1150

Background



This preview shows how black text looks on a background with the XYZ color 61.9404, 56.2197, 46.1150.



This preview shows how white text looks on a background with the XYZ color 61.9404, 56.2197,

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

61.9404, 56.2197, 46.1150

Protanopia

53.4557, 56.2687, 50.1630

Deuteranopia

57.5651, 56.4948, 45.9008



Tritanopia

64.3047, 56.2669, 57.9235

Trichromacy



Original Color

61.9404, 56.2197, 46.1150

Protanomaly

56.1027, 56.0101, 48.4115

Deuteranomaly

59.1706, 56.3611, 45.7904

Tritanomaly

63.2869, 56.1434, 53.4001

Monochromacy



Original Color

61.9404, 56.2197, 46.1150

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.7960, 56.8566, 56.1251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9404, 56.2197, 46.1150 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(245, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(245, 183, 171)  
}
```

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(245, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 183, 171) }
```

Border

The CSS property to change the border of an element to XYZ 61.9404, 56.2197, 46.1150 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(245, 183, 171) }
```


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

```
.border{ border-color:rgb(245, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(245, 183,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9404, 56.2197, 46.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 183, 171) }
```

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

```
.background{ background-color: rgb(245,  
183, 171) }
```

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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