

Converting Colors

XYZ(63.2324, 56.6782, 46.2361)

Have a look what the booklet for
XYZ(63.2324, 56.6782, 46.2361)
contains.

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Color

**XYZ(63.1456, 56.5359,
46.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B6AB
RGB	249, 182, 171
RGB Percent	98%, 71%, 67%
CMY	0.0235, 0.2863, 0.3294
CMYK	0.00, 0.27, 0.31, 0.02
HSL	8°, 87%, 82%
HSV	8°, 31%, 98%
XYZ	63.1456, 56.5359, 46.1125
YIQ	200.7790, 43.4630, 10.7830

Conversions

Conversions Part 2

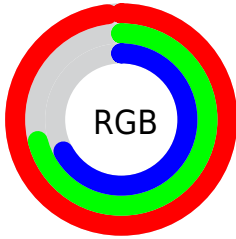
Format	Color
RYB	249, 184, 171
Decimal	16365227
CIELab	79.92, 22.85, 15.18
CIELCh	80, 27.432, 33.605
Yxy	56.5359, 0.3809, 0.3410
Android (android.graphics.Color)	4294555307 (0xFFF9B6AB)
YUV	200.7790, -14.6810, 42.2898
Hunter-Lab	75.1904, 18.3229, 16.2721

Details

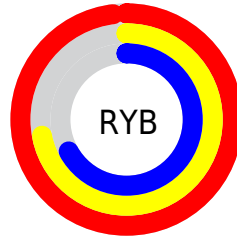
The XYZ color **63.1456, 56.5359, 46.1125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.4671, 76.6442, 101.0188**, and the grayscale version is **55.4510, 58.3387, 63.5309**.

A 20% lighter version of the original color is **85.5420, 87.9001, 84.4094**, and **32.6659, 28.1088, 21.1566** is the 20% darker color. If you saturate the color by 10%, you get **56.9417, 47.5752, 33.4173**, and if you desaturate by 10%, it is **70.4685, 67.0186, 61.3876**.

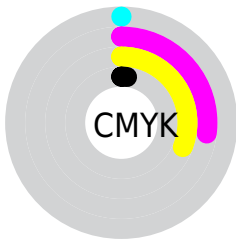
Distribution



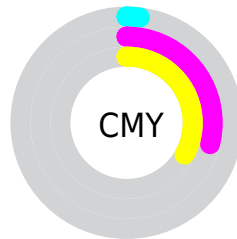
- Red (98%)
- Green (71%)
- Blue (67%)



- Red (98%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (31%)
- Black (2%)




- Cyan (2%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1456, 56.5359, 46.1125 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 63.1456, 56.5359, 46.1125 by changing the saturation by 10% instead.


 63.1456, 56.5359,
46.1125

 63.1456, 56.5359,
46.1125


425.7490,
411.7080, 387.5515

 46.2181, 40.6327,
31.9853


 108.4602, 99.7877,
85.7234

 32.6233, 28.0322,
21.0855


137.5780,
127.9051, 112.0442

 21.9959, 18.3500,
12.9947


171.4899,
160.8628, 143.2666

 13.9705, 11.2015,
7.2942

210.5613,
199.0450, 179.8091

 8.1817, 6.2026,
3.5655

255.1575,
242.8363, 222.0903

 4.2642, 2.9686,
1.3902

305.6440,

 1.8527, 1.1154,

292.6209, 270.5287

0.1340

362.3860,
348.7833, 325.5429

■ 0.5491, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1456, 56.5359,
46.1125

■ 63.1456, 56.5359,
46.1125

■ 56.9417, 47.5752,
33.4173

■ 70.4685, 67.0186,
61.3876

■ 51.7969, 40.0578,
23.1559

■ 78.9575, 79.0813,
79.3708

■ 47.6525, 33.9104,
15.1730

■ 88.6624, 92.7885,
100.1858

■ 44.4421, 29.0496,
9.2938

■ 92.8770, 98.8798,
108.7983

■ 42.0911, 25.3829,
5.3178

■ 40.5126, 22.8053,
3.0057

■ 39.6719, 21.3496,
2.0299

Harmonies

Analogous

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



65.1332, 56.5359, 59.6518



63.1456, 56.5359, 46.1125



58.6324, 56.5359, 37.9935

Triad

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



63.1456, 56.5359, 46.1125



44.7127, 56.5359, 48.9194



54.4111, 56.5359, 97.4710

Complementary

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



63.1456, 56.5359, 46.1125



64.4671, 76.6442, 101.0188

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.



49.1195, 56.5359, 93.2767



63.1456, 56.5359, 46.1125



43.7519, 56.5359, 63.5044

Square

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



63.1456, 56.5359, 46.1125



48.0304, 56.5359, 39.4070



45.3104, 56.5359, 80.1165



59.8757, 56.5359, 90.7585

Rectangle

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



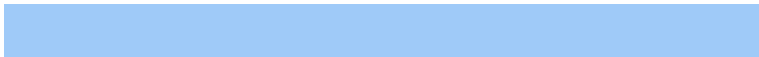
63.1456, 56.5359, 46.1125



54.9358, 56.5359, 35.8580



45.3104, 56.5359, 80.1165



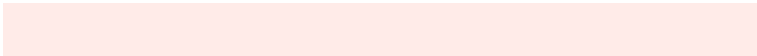
52.5531, 56.5359, 97.2945

Sweetspot

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



63.1471, 56.5386, 46.1136



85.6034, 86.6707, 88.5985



69.1512, 55.4746, 88.4152



18.0171, 18.1187, 18.3110



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.



63.1471, 56.5386, 46.1136



62.1292, 53.1502, 39.3773



72.1164, 74.4772, 49.1034



17.4421, 17.6201, 17.9441



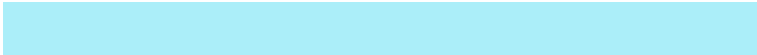
21.2953, 11.5472, 1.1064



2.0305, 1.1859, 0.1219

Inverse Universe

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



64.4671, 76.6442, 101.0188



63.7229, 77.6045, 106.2284



54.4558, 56.6217, 97.6818



17.5448, 19.1664, 22.1601



22.0866, 29.5288, 52.5091



2.1011, 2.8458, 4.8817

Previews

White Background



This preview shows how the XYZ color 63.1456, 56.5359, 46.1125 looks on a white background.

Color Contrast Check

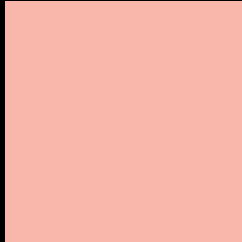
Large Text (above 18pt) WCAG AA × Fail

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 63.1456, 56.5359, 46.1125 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 63.1456, 56.5359, 46.1125

Background



This preview shows how black text looks on a background with the XYZ color 63.1456, 56.5359, 46.1125.



This preview shows how white text looks on a background with the XYZ color 63.1456, 56.5359,

46.1125.

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

63.1456, 56.5359, 46.1125

Protanopia

54.0629, 56.9082, 50.7828

Deuteranopia

57.7871, 56.6202, 45.4192



Tritanopia

65.4182, 56.5552, 57.3375

Trichromacy



Original Color

63.1456, 56.5359, 46.1125

Protanomaly

56.8103, 56.3635, 48.9593

Deuteranomaly

59.8310, 56.7016, 45.8213

Tritanomaly

64.3973, 56.4272, 52.8448

Monochromacy



Original Color

63.1456, 56.5359, 46.1125

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.4995, 57.2067, 56.7266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1456, 56.5359, 46.1125 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(249, 182, 171)` looks like.

```
.text, #text, p{  
    color:rgb(249, 182, 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(249, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 182, 171) }
```

Border

The CSS property to change the border of an element to XYZ 63.1456, 56.5359, 46.1125 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(249, 182, 171) }
```


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

```
.border{ border-color:rgb(249, 182, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 182, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(249, 182,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1456, 56.5359, 46.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 182, 171) }
```

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

```
.background{ background-color: rgb(249,  
182, 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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