

Converting Colors

XYZ(62.6244, 55.9522, 56.0169)

Have a look what the booklet for
XYZ(62.6244, 55.9522, 56.0169)
contains.

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Color

**XYZ(62.6402, 56.0508,
56.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B6BE
RGB	242, 182, 190
RGB Percent	95%, 71%, 75%
CMY	0.0510, 0.2863, 0.2549
CMYK	0.00, 0.25, 0.21, 0.05
HSL	352°, 70%, 83%
HSV	352°, 25%, 95%
XYZ	62.6402, 56.0508, 56.2326
YIQ	200.8520, 33.1920, 15.2080

Conversions

Conversions Part 2

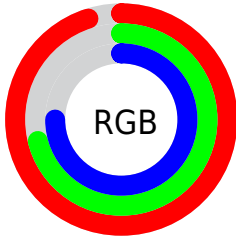
Format	Color
R _Y B	242, 182, 190
Decimal	15906494
CIE _{Lab}	79.64, 22.87, 4.44
CIE _{LCh}	80, 23.293, 10.986
Y _{xy}	56.0508, 0.3581, 0.3204
Android (android.graphics.Color)	4294096574 (0xFFFF2B6BE)
Y _{UV}	200.8520, -5.3500, 36.0868
Hunter-Lab	74.8671, 18.3310, 7.8743

Details

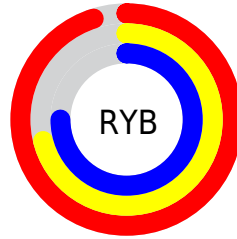
The XYZ color **62.6402, 56.0508, 56.2326** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8972, 79.3913, 89.6967**, and the grayscale version is **55.4446, 58.3321, 63.5236**.

A 20% lighter version of the original color is **88.4491, 89.0629, 99.7179**, and **32.3732, 27.8209, 27.3306** is the 20% darker color. If you saturate the color by 10%, you get **55.9759, 46.1304, 43.5029**, and if you desaturate by 10%, it is **70.4940, 67.8211, 70.9877**.

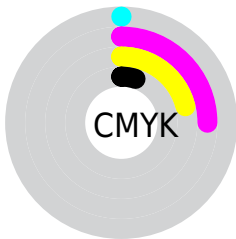
Distribution



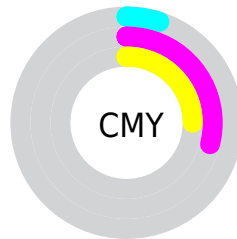
- Red (95%)
- Green (71%)
- Blue (75%)



- Red (95%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6402, 56.0508, 56.2326 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 62.6402, 56.0508, 56.2326 by changing the saturation by 10% instead.


 62.6402, 56.0508,
56.2326

 62.6402, 56.0508,
56.2326


423.9430,
409.8829, 427.9804

 45.8077, 40.2437,
39.9842


 107.7350, 99.0788,
100.8338

 32.2981, 27.7286,
27.2125


136.7280,
127.0685, 130.0236

 21.7460, 18.1212,
17.4991


170.5053,
159.8879, 164.3644

 13.7859, 11.0370,
10.4252

209.4322,
197.9212, 204.2745

 8.0526, 6.0917,
5.5725

253.8741,
241.5530, 250.1727

 4.1807, 2.9009,
2.5224

304.1963,

 1.8049, 1.0802,

291.1676, 302.4774

0.8520

360.7641,
347.1495, 361.6071

■ 0.5206, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6402, 56.0508,
56.2326

■ 62.6402, 56.0508,
56.2326

■ 55.9759, 46.1304,
43.5029

■ 70.4940, 67.8211,
70.9877

■ 50.4383, 37.9585,
32.7067

■ 79.5867, 81.5206,
87.8479

■ 45.9660, 31.4357,
23.7499

■ 89.9705, 97.2334,
106.8927

■ 42.4897, 26.4495,
16.5292

■ 90.4282, 97.6174,
108.6837

■ 39.9320, 22.8733,
10.9311

■ 38.2035, 20.5603,
6.8282

■ 37.1964, 19.3310,
4.0733

■ 36.8824, 18.9830,
3.1047

Harmonies

Analogous

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



62.2764, 56.0508, 69.8492



62.6402, 56.0508, 56.2326



60.3861, 56.0508, 45.5903

Triad

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



62.6402, 56.0508, 56.2326



47.5686, 56.0508, 43.5150



50.3864, 56.0508, 88.8917

Complementary

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



62.6402, 56.0508, 56.2326



65.8972, 79.3913, 89.6967

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.



46.7445, 56.0508, 79.6123



62.6402, 56.0508, 56.2326



45.1849, 56.0508, 52.9859

Square

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



62.6402, 56.0508, 56.2326



51.5721, 56.0508, 38.9994



44.8924, 56.0508, 66.0923



55.0142, 56.0508, 90.1011

Rectangle

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



62.6402, 56.0508, 56.2326



57.7756, 56.0508, 41.0920



44.8924, 56.0508, 66.0923



49.0137, 56.0508, 86.5551

Sweetspot

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



62.6417, 56.0534, 56.2338



87.2259, 88.1786, 94.4945



66.6884, 57.3618, 91.5621



18.5327, 18.6669, 19.9720



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.



62.6417, 56.0534, 56.2338



66.4123, 56.9610, 55.4651



66.6561, 65.4426, 53.3776



15.8585, 15.7931, 16.8114



19.8413, 10.2089, 1.8147



1.6774, 0.8600, 0.2923

Inverse Universe

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



62.6417, 56.0534, 56.2338



66.4123, 56.9610, 55.4651



60.9138, 67.5444, 93.8319



15.8585, 15.7931, 16.8114



19.8413, 10.2089, 1.8147



1.6774, 0.8600, 0.2923

Previews

White Background



This preview shows how the XYZ color 62.6402, 56.0508, 56.2326 looks on a white background.

Color Contrast Check

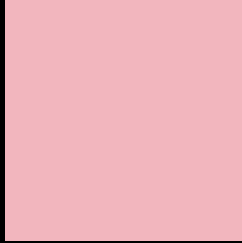
Large Text (above 18pt) WCAG AA × Fail

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 62.6402, 56.0508, 56.2326 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 62.6402, 56.0508, 56.2326

Background



This preview shows how black text looks on a background with the XYZ color 62.6402, 56.0508, 56.2326.



This preview shows how white text looks on a background with the XYZ color 62.6402, 56.0508,

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

62.6402, 56.0508, 56.2326

Protanopia

54.2467, 56.4272, 61.4585

Deuteranopia

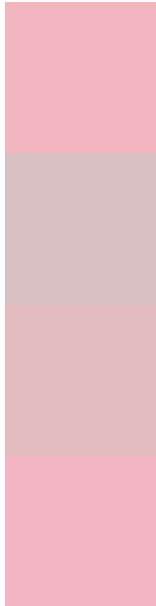
57.2231, 56.1081, 55.3909



Tritanopia

63.3363, 56.0426, 59.1089

Trichromacy



Original Color

62.6402, 56.0508, 56.2326

Protanomaly

57.0189, 56.2383, 59.4796

Deuteranomaly

59.1634, 56.1345, 55.8609

Tritanomaly

63.1117, 55.9527, 57.9257

Monochromacy



Original Color

62.6402, 56.0508, 56.2326

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.6887, 57.2137, 60.8262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6402, 56.0508, 56.2326 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(242, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 190)  
}
```

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(242, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.6402, 56.0508, 56.2326 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(242, 182, 190) }
```


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

```
.border{ border-color:rgb(242, 182, 190) }
```

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

Here you see how a box with a 4 pixel rgb(242, 182, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6402, 56.0508, 56.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 190) }
```

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

```
.background{ background-color: rgb(242,  
182, 190) }
```

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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