

Converting Colors

XYZ(62.6801, 53.2120, 55.2375)

Have a look what the booklet for
XYZ(62.6801, 53.2120, 55.2375)
contains.

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Color

**XYZ(62.6492, 53.1356,
55.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	F8ACBD
RGB	248, 172, 189
RGB Percent	97%, 67%, 74%
CMY	0.0274, 0.3255, 0.2588
CMYK	0.00, 0.31, 0.24, 0.03
HSL	347°, 84%, 82%
HSV	347°, 31%, 97%
XYZ	62.6492, 53.1356, 55.0983
YIQ	196.6620, 39.8390, 21.3990

Conversions

Conversions Part 2

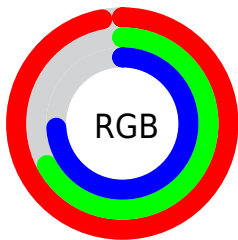
Format	Color
R_{YB}	248, 172, 189
Decimal	16297149
CIE _{Lab}	77.95, 30.16, 2.62
CIE _{LCh}	78, 30.275, 4.956
Yxy	53.1356, 0.3666, 0.3109
Android (android.graphics.Color)	4294487229 (0xFFF8ACBD)
YUV	196.6620, -3.7774, 45.0234
Hunter-Lab	72.8942, 25.8478, 6.2106

Details

The XYZ color **62.6492, 53.1356, 55.0983** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0067, 81.6762, 87.9442**, and the grayscale version is **52.8736, 55.6272, 60.5780**.

A 20% lighter version of the original color is **85.4648, 83.3394, 97.9678**, and **32.2760, 25.9184, 26.5942** is the 20% darker color. If you saturate the color by 10%, you get **56.4092, 43.7809, 43.3824**, and if you desaturate by 10%, it is **70.0504, 64.3677, 68.5713**.

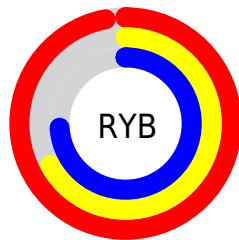
Distribution



Red (97%)

Green (67%)

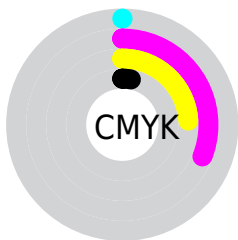
Blue (74%)



Red (97%)

Yellow (67%)

Blue (74%)

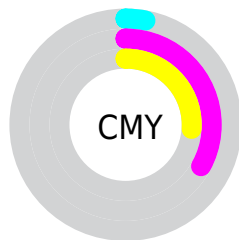


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (3%)



Cyan (3%)


Magenta (33%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6492, 53.1356, 55.0983 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 62.6492, 53.1356, 55.0983 by changing the saturation by 10% instead.


 62.6492, 53.1356,
55.0983

 62.6492, 53.1356,
55.0983


423.9752,
398.8051, 423.5769

 45.8151, 37.9110,
39.0813


 107.7479, 94.8039,
99.1576

 32.3039, 25.9136,
26.5147


136.7432,
122.0164, 128.0369

 21.7504, 16.7590,
16.9798


170.5229,
153.9936, 162.0408

 13.7892, 10.0628,
10.0583

209.4524,
191.1200, 201.5877

 8.0549, 5.4406,
5.3315

253.8970,
233.7800, 247.0962

 4.1822, 2.5081,
2.3809

304.2221,

 1.8057, 0.8807,

282.3579, 298.9849

0.7760

360.7930,
337.2382, 357.6723

■ 0.5211, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6492, 53.1356,
55.0983

■ 62.6492, 53.1356,
55.0983

■ 56.4092, 43.7809,
43.3824

■ 70.0504, 64.3677,
68.5713

■ 51.2659, 36.1935,
33.3469

■ 78.6638, 77.5643,
83.8672

■ 47.1554, 30.2635,
24.9140

■ 88.5429, 92.8163,
101.0525

■ 44.0052, 25.8657,
17.9983

■ 92.5216, 98.6965,
108.7817

■ 41.7327, 22.8565,
12.5059

■ 40.2406, 21.0649,
8.3317

■ 39.4123, 20.2368,
5.5015

Harmonies

Analogous

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



61.4761, 53.1356, 72.7022



62.6492, 53.1356, 55.0983



60.3673, 53.1356, 41.1894

Triad

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



62.6492, 53.1356, 55.0983



44.2883, 53.1356, 35.1339



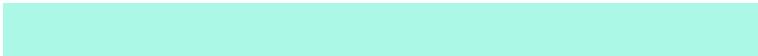
45.8593, 53.1356, 92.5010

Complementary

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



62.6492, 53.1356, 55.0983



65.0067, 81.6762, 87.9442

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.



41.7779, 53.1356, 78.5021



62.6492, 53.1356, 55.0983



40.9215, 53.1356, 45.1818

Square

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



62.6492, 53.1356, 55.0983



49.5316, 53.1356, 31.1824



40.0392, 53.1356, 60.7035



51.4886, 53.1356, 96.5632

Rectangle

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



62.6492, 53.1356, 55.0983



57.2907, 53.1356, 35.1544



40.0392, 53.1356, 60.7035



44.2752, 53.1356, 88.6840

Sweetspot

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



62.6507, 53.1381, 55.0994



85.4234, 85.1265, 92.1893



64.4164, 53.1522, 95.6716



17.9734, 17.7423, 19.1874



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.



62.6507, 53.1381, 55.0994



62.3415, 49.9946, 50.4848



65.0678, 60.7539, 47.3300



17.4035, 17.2888, 18.7148



21.3334, 10.9491, 3.1983



2.0140, 1.0293, 0.4969

Inverse Universe

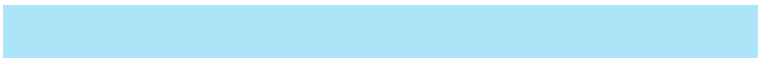
The Inverse Universe completely reimagines the original color for something new.



62.6507, 53.1381, 55.0994



62.3415, 49.9946, 50.4848



61.6286, 70.8900, 99.2422



17.4035, 17.2888, 18.7148



21.3334, 10.9491, 3.1983



2.0140, 1.0293, 0.4969

Previews

White Background



This preview shows how the XYZ color 62.6492, 53.1356, 55.0983 looks on a white background.

Color Contrast Check

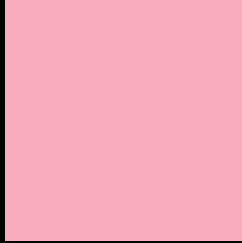
Large Text (above 18pt) WCAG AA × Fail

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 62.6492, 53.1356, 55.0983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

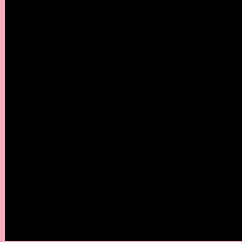
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6492, 53.1356, 55.0983

Background



This preview shows how black text looks on a background with the XYZ color 62.6492, 53.1356, 55.0983.



This preview shows how white text looks on a background with the XYZ color 62.6492, 53.1356,

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

62.6492, 53.1356, 55.0983

Protanopia

51.6404, 53.3857, 62.8411

Deuteranopia

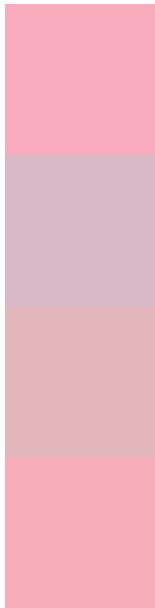
54.3648, 53.3820, 53.8928



Tritanopia

62.5179, 53.3888, 53.4644

Trichromacy



Original Color

62.6492, 53.1356, 55.0983

Protanomaly

55.1586, 53.0253, 60.1511

Deuteranomaly

57.0616, 53.2125, 54.2773

Tritanomaly

62.6246, 53.4315, 54.0263

Monochromacy



Original Color

62.6492, 53.1356, 55.0983

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

56.0397, 54.4604, 58.5972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6492, 53.1356, 55.0983 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, 172, 189)` looks like.

```
.text, #text, p{  
    color:rgb(248, 172, 189)  
}
```

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, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 172, 189) }
```

Border

The CSS property to change the border of an element to XYZ 62.6492, 53.1356, 55.0983 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, 172, 189) }
```


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

```
.border{ border-color:rgb(248, 172, 189) }
```

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

Here you see how a box with a 4 pixel rgb(248, 172, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 172, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 172, 189);  
box-shadow:4px 4px 4px 4px rgb(248, 172,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6492, 53.1356, 55.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 172, 189) }
```

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

```
.background{ background-color: rgb(248,  
172, 189) }
```

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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