

Converting Colors

XYZ(62.4443, 55.0189, 53.4295)

Have a look what the booklet for
XYZ(62.4443, 55.0189, 53.4295)
contains.

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Color

**XYZ(62.5332, 55.1555,
53.2491)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B3B9
RGB	245, 179, 185
RGB Percent	96%, 70%, 73%
CMY	0.0392, 0.2980, 0.2745
CMYK	0.00, 0.27, 0.24, 0.04
HSL	355°, 77%, 83%
HSV	355°, 27%, 96%
XYZ	62.5332, 55.1555, 53.2491
YIQ	199.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

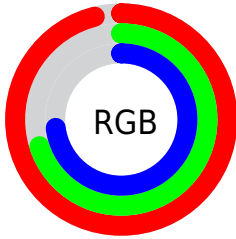
Format	Color
R _Y B	245, 179, 185
Decimal	16102329
CIE Lab	79.13, 24.82, 6.45
CIE LCh	79, 25.648, 14.556
Yxy	55.1555, 0.3658, 0.3227
Android (android.graphics.Color)	4294292409 (0xFFFF5B3B9)
YUV	199.4180, -7.1081, 39.9754
Hunter-Lab	74.2667, 20.3316, 9.4759

Details

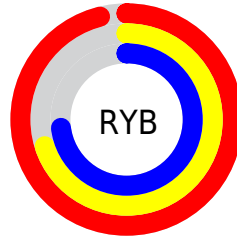
The XYZ color **62.5332, 55.1555, 53.2491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8251, 81.1217, 93.8015**, and the grayscale version is **54.5696, 57.4114, 62.5211**.

A 20% lighter version of the original color is **86.8255, 87.0275, 95.4409**, and **32.3647, 27.2790, 25.3894** is the 20% darker color. If you saturate the color by 10%, you get **55.8820, 45.3258, 40.3255**, and if you desaturate by 10%, it is **70.4282, 66.8824, 68.4059**.

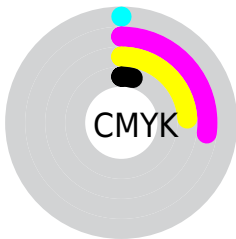
Distribution



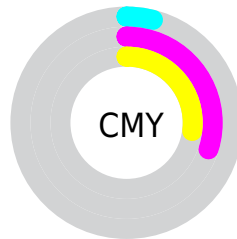
- Red (96%)
- Green (70%)
- Blue (73%)



- Red (96%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5332, 55.1555, 53.2491 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 62.5332, 55.1555, 53.2491 by changing the saturation by 10% instead.


 62.5332, 55.1555,
53.2491

 62.5332, 55.1555,
53.2491


423.5600,
406.5011, 416.3335

 45.7209, 39.5262,
37.6126


 107.5814, 97.7687,
96.4161

 32.2293, 27.1693,
25.3826


136.5480,
125.5215, 124.7836

 21.6931, 17.7005,
16.1408


170.2967,
158.0843, 158.2319

 13.7469, 10.7351,
9.4684

209.1930,
195.8413, 197.1795

 8.0254, 5.8890,
4.9470

253.6020,
239.1772, 242.0449

 4.1631, 2.7777,
2.1580

303.8894,

 1.7948, 1.0168,

288.4761, 293.2466

0.6500

360.4202,
344.1227, 351.2033

■ 0.5146, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5332, 55.1555,
53.2491

■ 62.5332, 55.1555,
53.2491

■ 55.8820, 45.3258,
40.3255

■ 70.4282, 66.8824,
68.4059

■ 50.4068, 37.2863,
29.5264

■ 79.6212, 80.5907,
85.8911

■ 46.0402, 30.9313,
20.7388

■ 90.1688, 96.3689,
105.7984

■ 42.7060, 26.1410,
13.8379

■ 91.4663, 98.1525,
108.7323

■ 40.3187, 22.7796,
8.6851

■ 38.7783, 20.6880,
5.1224

■ 37.9605, 19.6646,
2.9625

■ 37.8036, 19.4714,
2.5379

Harmonies

Analogous

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



62.4888, 55.1555, 67.8742



62.5332, 55.1555, 53.2491



59.7504, 55.1555, 42.3780

Triad

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



62.5332, 55.1555, 53.2491



45.8203, 55.1555, 42.1336



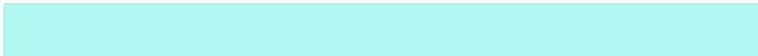
49.8474, 55.1555, 91.5094

Complementary

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



62.5332, 55.1555, 53.2491



66.8251, 81.1217, 93.8015

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.



45.7217, 55.1555, 82.0691



62.5332, 55.1555, 53.2491



43.5018, 55.1555, 52.8605

Square

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



62.5332, 55.1555, 53.2491



49.9900, 55.1555, 36.7052



43.4670, 55.1555, 67.4174



54.9350, 55.1555, 91.6592

Rectangle

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



62.5332, 55.1555, 53.2491



56.7646, 55.1555, 38.0379



43.4670, 55.1555, 67.4174



48.3098, 55.1555, 89.2567

Sweetspot

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



62.5347, 55.1581, 53.2502



86.0402, 86.5304, 91.8697



67.9975, 57.0819, 93.8204



18.0764, 18.0139, 19.0193



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.



62.5347, 55.1581, 53.2502



64.5817, 54.6293, 50.7560



67.7216, 66.5236, 51.9222



16.5603, 16.5070, 17.4309



20.3866, 10.4981, 1.4785



1.8121, 0.9308, 0.2371

Inverse Universe

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



62.5347, 55.1581, 53.2502



64.5817, 54.6293, 50.7560



60.3013, 66.6330, 96.0696



16.5603, 16.5070, 17.4309



20.3866, 10.4981, 1.4785



1.8121, 0.9308, 0.2371

Previews

White Background



This preview shows how the XYZ color 62.5332, 55.1555, 53.2491 looks on a white background.

Color Contrast Check

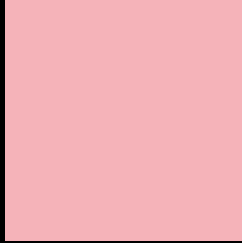
Large Text (above 18pt) WCAG AA × Fail

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 62.5332, 55.1555, 53.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

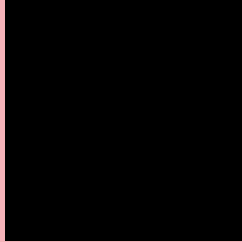
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5332, 55.1555, 53.2491

Background



This preview shows how black text looks on a background with the XYZ color 62.5332, 55.1555, 53.2491.



This preview shows how white text looks on a background with the XYZ color 62.5332, 55.1555,

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

62.5332, 55.1555, 53.2491

Protanopia

53.0721, 55.2046, 58.8973

Deuteranopia

56.4759, 55.4615, 52.5283



Tritanopia

63.4409, 55.2394, 57.1877

Trichromacy



Original Color

62.5332, 55.1555, 53.2491

Protanomaly

55.9205, 54.7557, 56.9118

Deuteranomaly

58.5237, 55.2365, 52.9246

Tritanomaly

63.1117, 55.1077, 55.4546

Monochromacy



Original Color

62.5332, 55.1555, 53.2491

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.9061, 56.1932, 58.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5332, 55.1555, 53.2491 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, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 185)  
}
```

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, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 185) }
```

Border

The CSS property to change the border of an element to XYZ 62.5332, 55.1555, 53.2491 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, 179, 185) }
```


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

```
.border{ border-color:rgb(245, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5332, 55.1555, 53.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 185) }
```

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

```
.background{ background-color: rgb(245,  
179, 185) }
```

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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