

Converting Colors

XYZ(62.7552, 55.4685, 54.0387)

Have a look what the booklet for
XYZ(62.7552, 55.4685, 54.0387)
contains.

XYZ(62.8404, 55.6002, 53.8742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.8404, 55.6002,
53.8742)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B4BA
RGB	245, 180, 186
RGB Percent	96%, 71%, 73%
CMY	0.0392, 0.2941, 0.2706
CMYK	0.00, 0.27, 0.24, 0.04
HSL	354°, 76%, 83%
HSV	354°, 27%, 96%
XYZ	62.8404, 55.6002, 53.8742
YIQ	200.1190, 36.8140, 15.6460

Conversions

Conversions Part 2

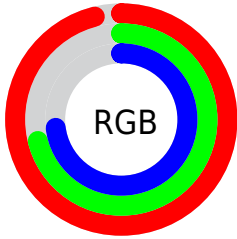
Format	Color
R _Y B	245, 180, 186
Decimal	16102586
CIE Lab	79.39, 24.44, 6.27
CIE LCh	79, 25.229, 14.394
Yxy	55.6002, 0.3647, 0.3227
Android (android.graphics.Color)	4294292666 (0xFFFF5B4BA)
YUV	200.1190, -6.9607, 39.3606
Hunter-Lab	74.5655, 19.9419, 9.3584

Details

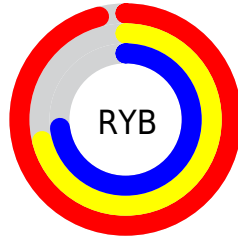
The XYZ color **62.8404, 55.6002, 53.8742** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0572, 81.2415, 93.8125**, and the grayscale version is **55.0000, 57.8643, 63.0142**.

A 20% lighter version of the original color is **87.2625, 87.6617, 96.3256**, and **32.5620, 27.5636, 25.7944** is the 20% darker color. If you saturate the color by 10%, you get **56.1414, 45.6958, 40.8701**, and if you desaturate by 10%, it is **70.7846, 67.4053, 69.1101**.

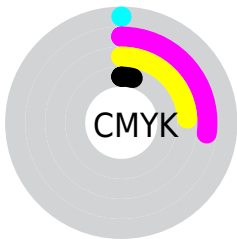
Distribution



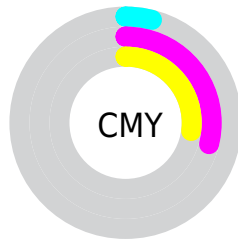
- Red (96%)
- Green (71%)
- Blue (73%)



- Red (96%)
- Yellow (71%)
- Blue (73%)



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





- Cyan (4%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8404, 55.6002, 53.8742 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 62.8404, 55.6002, 53.8742 by changing the saturation by 10% instead.


 62.8404, 55.6002,
53.8742

 62.8404, 55.6002,
53.8742


424.6589,
408.1831, 418.7912

 45.9703, 39.8825,
38.1086


 108.0223, 98.4198,
97.3441

 32.4269, 27.4469,
25.7645


137.0648,
126.2904, 125.8854

 21.8449, 17.9092,
16.4234

170.8955,
158.9808, 159.5224

 13.8589, 10.8848,
9.6666

209.8797,
196.8754, 198.6736

 8.1037, 5.9894,
5.0758

254.3828,
240.3585, 243.7575

 4.2137, 2.8386,
2.2323

304.7701,

 1.8237, 1.0481,

289.8146, 295.1927

0.6929

361.4070,
345.6279, 353.3978

■ 0.5319, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8404, 55.6002,
53.8742

■ 62.8404, 55.6002,
53.8742

■ 56.1414, 45.6958,
40.8701

■ 70.7846, 67.4053,
69.1101

■ 50.6201, 37.5854,
29.9897

■ 80.0281, 81.1949,
86.6722

■ 46.2094, 31.1639,
21.1210

■ 90.6270, 97.0574,
106.6536

■ 42.8337, 26.3119,
14.1403

■ 91.4664, 98.1526,
108.7323

■ 40.4078, 22.8944,
8.9102

■ 38.8329, 20.7536,
5.2745

■ 37.9871, 19.6926,
3.0487

■ 37.8070, 19.4728,
2.5557

Harmonies

Analogous

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



62.7806, 55.6002, 68.3482



62.8404, 55.6002, 53.8742



60.1069, 55.6002, 43.0650

Triad

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



62.8404, 55.6002, 53.8742



46.3286, 55.6002, 42.7335



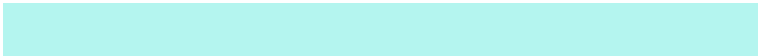
50.2721, 55.6002, 91.5330

Complementary

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



62.8404, 55.6002, 53.8742



67.0572, 81.2415, 93.8125

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.



46.1953, 55.6002, 82.1969



62.8404, 55.6002, 53.8742



44.0195, 55.6002, 53.3488

Square

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



62.8404, 55.6002, 53.8742



50.4648, 55.6002, 37.3639



43.9724, 55.6002, 67.7323



55.3017, 55.6002, 91.7342

Rectangle

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



62.8404, 55.6002, 53.8742



57.1633, 55.6002, 38.7299



43.9724, 55.6002, 67.7323



48.7524, 55.6002, 89.2998

Sweetspot

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



62.8419, 55.6028, 53.8753



86.0444, 86.5320, 91.8916



68.2324, 57.5016, 93.8893



18.0774, 18.0143, 19.0248



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.



62.8419, 55.6028, 53.8753



64.5934, 54.6340, 50.8176



67.9675, 66.8526, 52.5049



16.5612, 16.5073, 17.4359



20.3887, 10.4989, 1.4892



1.8126, 0.9310, 0.2395

Inverse Universe

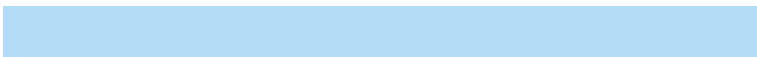
The Inverse Universe completely reimagines the original color for something new.



62.8419, 55.6028, 53.8753



64.5934, 54.6340, 50.8176



60.6376, 66.9611, 96.1155



16.5612, 16.5073, 17.4359



20.3887, 10.4989, 1.4892



1.8126, 0.9310, 0.2395

Previews

White Background



This preview shows how the XYZ color 62.8404, 55.6002, 53.8742 looks on a white background.

Color Contrast Check

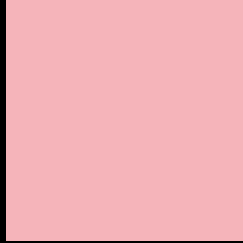
Large Text (above 18pt) WCAG AA × Fail

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 62.8404, 55.6002, 53.8742 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 62.8404, 55.6002, 53.8742

Background



This preview shows how black text looks on a background with the XYZ color 62.8404, 55.6002, 53.8742.



This preview shows how white text looks on a background with the XYZ color 62.8404, 55.6002,

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

62.8404, 55.6002, 53.8742

Protanopia

53.6776, 55.8375, 59.5784

Deuteranopia

56.8840, 55.6598, 53.0927



Tritanopia

63.7518, 55.6833, 57.8399

Trichromacy



Original Color

62.8404, 55.6002, 53.8742

Protanomaly

56.5432, 55.3844, 57.5793

Deuteranomaly

58.9490, 55.4436, 53.4937

Tritanomaly

63.4204, 55.5507, 56.0949

Monochromacy



Original Color

62.8404, 55.6002, 53.8742

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.2392, 56.6790, 59.5531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8404, 55.6002, 53.8742 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, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(245, 180, 186)  
}
```

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, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 62.8404, 55.6002, 53.8742 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, 180, 186) }
```


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

```
.border{ border-color:rgb(245, 180, 186) }
```

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

Here you see how a box with a 4 pixel rgb(245, 180, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(245, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8404, 55.6002, 53.8742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 180, 186) }
```

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

```
.background{ background-color: rgb(245,  
180, 186) }
```

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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