

Converting Colors

XYZ(62.9276, 55.6683, 37.8241)

Have a look what the booklet for
XYZ(62.9276, 55.6683, 37.8241)
contains.

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Color

**XYZ(62.8259, 55.6441,
38.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB39A
RGB	254, 179, 154
RGB Percent	100%, 70%, 60%
CMY	0.0039, 0.2980, 0.3961
CMYK	0.00, 0.30, 0.39, 0.00
HSL	15°, 98%, 80%
HSV	15°, 39%, 100%
XYZ	62.8259, 55.6441, 38.0010
YIQ	198.5750, 52.7250, 8.1250

Conversions

Conversions Part 2

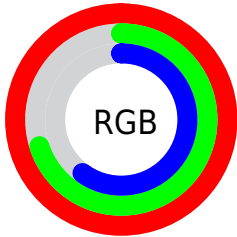
Format	Color
R_{YB}	254, 187, 154
Decimal	16692122
CIE _{Lab}	79.41, 24.30, 23.69
CIE _{LCh}	79, 33.932, 44.276
Yxy	55.6441, 0.4015, 0.3556
Android (android.graphics.Color)	4294882202 (0xFFFE _{B39A})
YUV	198.5750, -21.9755, 48.6077
Hunter-Lab	74.5950, 19.7963, 22.0123

Details

The XYZ color **62.8259, 55.6441, 38.0010** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.2341, 70.0618, 104.1672**, and the grayscale version is **54.1351, 56.9543, 62.0233**.

A 20% lighter version of the original color is **82.3335, 85.2307, 71.7862**, and **32.4147, 27.5031, 16.4321** is the 20% darker color. If you saturate the color by 10%, you get **57.3726, 47.7722, 26.8274**, and if you desaturate by 10%, it is **69.2571, 64.7552, 51.7098**.

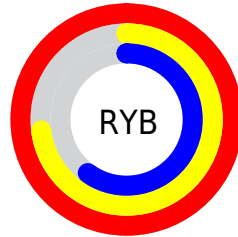
Distribution



Red (100%)

Green (70%)

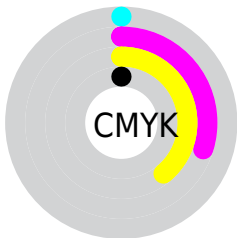
Blue (60%)



Red (100%)

Yellow (73%)

Blue (60%)

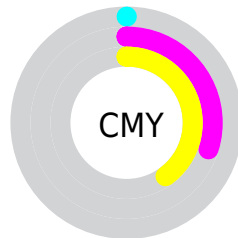


Cyan (0%)

Magenta (30%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8259, 55.6441, 38.0010 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 62.8259, 55.6441, 38.0010 by changing the saturation by 10% instead.


 62.8259, 55.6441,
38.0010

 62.8259, 55.6441,
38.0010


424.6071,
408.3489, 352.9226

 45.9585, 39.9176,
25.6816


 108.0015, 98.4840,
73.3131

 32.4176, 27.4743,
16.3620


 137.0405,
126.3663, 97.1429

 21.8377, 17.9298,
9.6235


170.8673,
159.0693, 125.6466

 13.8536, 10.8996,
5.0478

209.8473,
196.9774, 159.2428

 8.1000, 5.9994,
2.2161

254.3460,
240.4750, 198.3499

 4.2113, 2.8447,
0.6836

304.7286,

 1.8224, 1.0512,

289.9465, 243.3866

0.0000

361.3605,
345.7763, 294.7713

■ 0.5311, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8259, 55.6441,
38.0010

■ 62.8259, 55.6441,
38.0010

■ 57.3726, 47.7722,
26.8274

■ 69.2571, 64.7552,
51.7098

■ 52.8429, 41.0771,
18.0286

■ 76.7082, 75.1483,
68.0942

■ 49.1835, 35.5029,
11.4310

■ 85.2237, 86.8741,
87.2880

■ 46.3335, 30.9855,
6.8352

94.6830, 99.8108,
108.8828

■ 44.2229, 27.4539,
4.0053

■ 42.7558, 24.8222,
2.5837

■ 42.6791, 24.6830,
2.5149

Harmonies

Analogous

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



66.6167, 55.6441, 51.8038



62.8259, 55.6441, 38.0010



56.5158, 55.6441, 31.1889

Triad

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



62.8259, 55.6441, 38.0010



41.2609, 55.6441, 50.9837



56.1824, 55.6441, 104.6693

Complementary

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



62.8259, 55.6441, 38.0010



59.2341, 70.0618, 104.1672

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.



49.4190, 55.6441, 104.3167



62.8259, 55.6441, 38.0010



41.1884, 55.6441, 70.3107

Square

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



62.8259, 55.6441, 38.0010



44.2651, 55.6441, 37.5122



44.0577, 55.6441, 90.7113



62.5639, 55.6441, 91.5909

Rectangle

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



62.8259, 55.6441, 38.0010



51.9179, 55.6441, 30.3621



44.0577, 55.6441, 90.7113



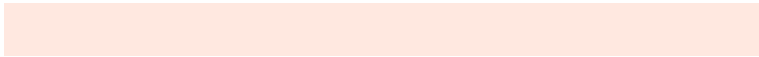
53.8702, 55.6441, 106.1934

Sweetspot

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



62.8273, 55.6468, 38.0021



83.6200, 84.4058, 82.6905



66.5718, 49.8397, 80.2403



17.6526, 17.7289, 17.1438



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.



62.8273, 55.6468, 38.0021



59.1003, 49.9667, 29.5067



74.7253, 79.4428, 41.9681



18.3784, 18.7249, 18.7900



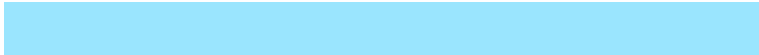
22.5985, 13.2082, 1.3584



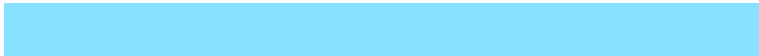
2.2825, 1.4505, 0.1597

Inverse Universe

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



59.2341, 70.0618, 104.1672



54.9995, 66.2506, 104.4966



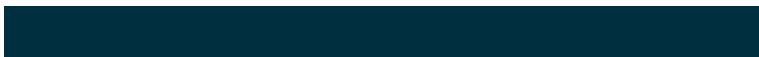
47.3365, 46.2666, 100.2014



18.1476, 19.6669, 23.0896



19.3183, 23.5461, 52.9613



1.9675, 2.4657, 5.1855

Previews

White Background



This preview shows how the XYZ color 62.8259, 55.6441, 38.0010 looks on a white background.

Color Contrast Check

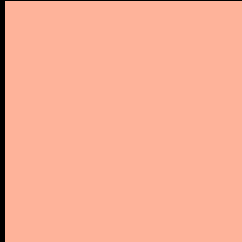
Large Text (above 18pt) WCAG AA × Fail

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 62.8259, 55.6441, 38.0010 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 62.8259, 55.6441, 38.0010

Background



This preview shows how black text looks on a background with the XYZ color 62.8259, 55.6441, 38.0010.



This preview shows how white text looks on a background with the XYZ color 62.8259, 55.6441,

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

62.8259, 55.6441, 38.0010

Protanopia

52.5003, 55.9510, 42.2150

Deuteranopia

56.8201, 55.6511, 37.4528



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

62.8259, 55.6441, 38.0010

Protanomaly

55.7228, 55.3377, 40.5452

Deuteranomaly

58.6953, 55.3486, 37.7268

Tritanomaly

64.6018, 55.4453, 48.3714

Monochromacy



Original Color

62.8259, 55.6441, 38.0010

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.6103, 56.1782, 52.6595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8259, 55.6441, 38.0010 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(254, 179, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 154)  
}
```

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(254, 179, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 154) }
```

Border

The CSS property to change the border of an element to XYZ 62.8259, 55.6441, 38.0010 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(254, 179, 154) }
```


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

```
.border{ border-color:rgb(254, 179, 154) }
```

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

Here you see how a box with a 4 pixel rgb(254, 179, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8259, 55.6441, 38.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 154) }
```

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

```
.background{ background-color: rgb(254,  
179, 154) }
```

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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