

Converting Colors

XYZ(62.7454, 62.8989, 27.3443)

Have a look what the booklet for
XYZ(62.7454, 62.8989, 27.3443)
contains.

XYZ(62.7573, 62.9526, 27.2558)	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(62.7573, 62.9526,
27.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C97A
RGB	247, 201, 122
RGB Percent	97%, 79%, 48%
CMY	0.0314, 0.2117, 0.5216
CMYK	0.00, 0.19, 0.51, 0.03
HSL	38°, 89%, 72%
HSV	38°, 51%, 97%
XYZ	62.7573, 62.9526, 27.2558
YIQ	205.7480, 52.7750, -14.8170

Conversions

Conversions Part 2

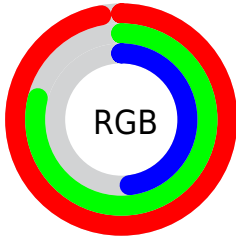
Format	Color
R _Y B	195, 247, 122
Decimal	16238970
CIE Lab	83.42, 6.87, 45.36
CIE LCh	83, 45.880, 81.392
Yxy	62.9526, 0.4103, 0.4115
Android (android.graphics.Color)	4294429050 (0xFFFF7C97A)
YUV	205.7480, -41.2878, 36.1780
Hunter-Lab	79.3427, 2.3376, 35.1726

Details

The XYZ color **62.7573, 62.9526, 27.2558** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.8167, 38.8568, 93.4497**, and the grayscale version is **58.7385, 61.7974, 67.2974**.

A 20% lighter version of the original color is **84.8365, 95.9146, 55.1163**, and **32.3101, 32.0137, 10.4376** is the 20% darker color. If you saturate the color by 10%, you get **59.3611, 58.3061, 19.5089**, and if you desaturate by 10%, it is **66.6708, 68.0114, 37.0951**.

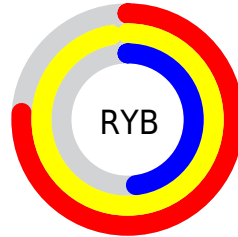
Distribution



Red (97%)

Green (79%)

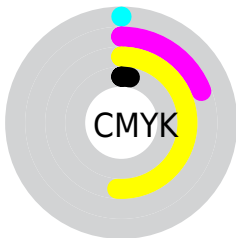
Blue (48%)



Red (76%)

Yellow (97%)

Blue (48%)

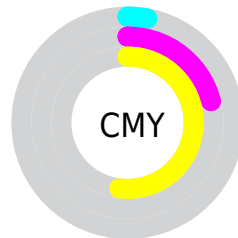


Cyan (0%)

Magenta (19%)

Yellow (51%)

Black (3%)



Cyan (3%)

Magenta (21%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7573, 62.9526, 27.2558 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 62.7573, 62.9526, 27.2558 by changing the saturation by 10% instead.


 62.7573, 62.9526,
27.2558

 62.7573, 62.9526,
27.2558


424.3618,
435.3974, 302.6928


 45.9028, 45.8029,
17.5313


 107.9031,
109.1011, 56.3028

 32.3734, 32.0903,
10.4481


 136.9251,
138.8687, 76.4624

 21.8038, 21.4305,
5.5876

 170.7336,
173.6110, 100.9374

 13.8286, 13.4390,
2.5313

209.6940,
213.7125, 130.1463

 8.0825, 7.7316,
0.8567

254.1717,
259.5574, 164.5078

 4.2000, 3.9237,
0.0000

304.5320,

 1.8159, 1.6309,

311.5303, 204.4404

0.0000

361.1402,
370.0155, 250.3625

■ 0.5272, 0.3783,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7573, 62.9526,
27.2558

■ 62.7573, 62.9526,
27.2558

■ 59.3611, 58.3061,
19.5089

■ 66.6708, 68.0114,
37.0951

■ 56.4455, 54.0466,
13.6915


■ 71.1262, 73.4885,
49.1654


■ 53.9752, 50.1589,
9.6226


■ 76.1514, 79.4008,
63.5979

■ 51.9069, 46.6219,
7.0844

■ 81.7711, 85.7612,
80.5124

 50.2655, 43.5897,
5.7644

 88.0083, 92.5823,
100.0204

 92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



72.6457, 62.9526, 33.9029



62.7573, 62.9526, 27.2558



53.0947, 62.9526, 29.0073

Triad

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



62.7573, 62.9526, 27.2558



43.6646, 62.9526, 90.6447



76.1442, 62.9526, 108.9447

Complementary

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



62.7573, 62.9526, 27.2558



38.8167, 38.8568, 93.4497

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.



67.1219, 62.9526, 133.6267



62.7573, 62.9526, 27.2558



48.6258, 62.9526, 121.1789

Square

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



62.7573, 62.9526, 27.2558



42.7730, 62.9526, 60.6325



57.0040, 62.9526, 138.6383



80.9192, 62.9526, 77.1169

Rectangle

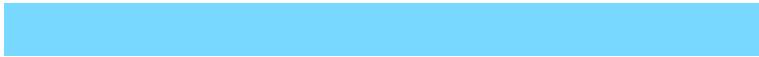
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7573, 62.9526, 27.2558



48.0054, 62.9526, 34.9896



57.0040, 62.9526, 138.6383



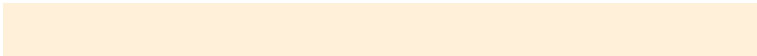
73.4630, 62.9526, 118.6825

Sweetspot

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



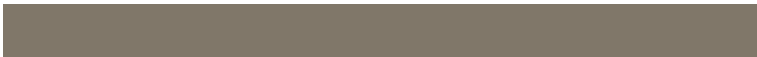
62.7588, 62.9556, 27.2571



85.1652, 89.1234, 78.1891



52.5655, 36.5930, 42.2822



17.9572, 18.7681, 15.9198



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.



62.7588, 62.9556, 27.2571



63.6541, 62.4502, 20.6167



70.1878, 85.1522, 31.1499



17.3722, 18.2286, 17.4004



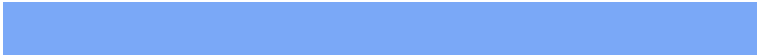
26.7241, 23.3337, 3.0953



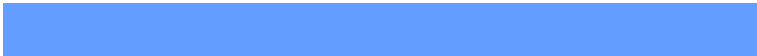
2.4467, 2.2466, 0.3047

Inverse Universe

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



38.8167, 38.8568, 93.4497



35.2487, 33.9056, 99.2944



33.9970, 25.9185, 91.2064



16.0805, 16.9253, 20.9619



10.9761, 7.7459, 47.4546



1.0593, 0.8701, 4.2023

Previews

White Background



This preview shows how the XYZ color 62.7573, 62.9526, 27.2558 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 62.7573, 62.9526, 27.2558 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 62.7573, 62.9526, 27.2558

Background



This preview shows how black text looks on a background with the XYZ color 62.7573, 62.9526, 27.2558.



This preview shows how white text looks on a background with the XYZ color 62.7573, 62.9526,

27.2558.

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

62.7573, 62.9526, 27.2558

Protanopia

58.2525, 63.0864, 28.5087

Deuteranopia

64.5066, 63.1596, 27.5300



Tritanopia

71.0114, 62.9778, 66.8058

Trichromacy



Original Color

62.7573, 62.9526, 27.2558

Protanomaly

59.7304, 62.7800, 28.0384

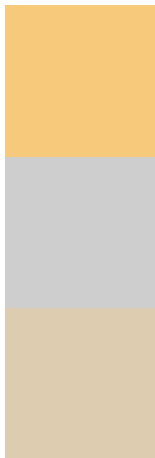
Deuteranomaly

64.0131, 63.2478, 27.5731

Tritanomaly

67.3979, 62.8208, 49.1308

Monochromacy



Original Color

62.7573, 62.9526, 27.2558

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1495, 61.6530, 49.3401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7573, 62.9526, 27.2558 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(247, 201, 122)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 122)  
}
```

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(247, 201, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 122) }
```

Border

The CSS property to change the border of an element to XYZ 62.7573, 62.9526, 27.2558 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(247, 201, 122) }
```


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

```
.border{ border-color:rgb(247, 201, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 201, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 122);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7573, 62.9526, 27.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 122) }
```

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

```
.background{ background-color: rgb(247,  
201, 122) }
```

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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