

Converting Colors

XYZ(62.2382, 62.5440, 33.6028)

Have a look what the booklet for
XYZ(62.2382, 62.5440, 33.6028)
contains.

XYZ(62.2382, 62.5440, 33.6028)	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(62.2382, 62.5440,
33.6028)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C98C
RGB	242, 201, 140
RGB Percent	95%, 79%, 55%
CMY	0.0510, 0.2117, 0.4510
CMYK	0.00, 0.17, 0.42, 0.05
HSL	36°, 80%, 75%
HSV	36°, 42%, 95%
XYZ	62.2382, 62.5440, 33.6028
YIQ	206.3050, 44.0170, -10.2790

Conversions

Conversions Part 2

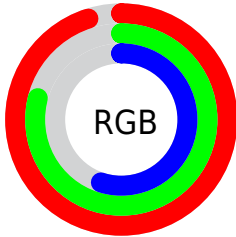
Format	Color
R _Y B	209, 242, 140
Decimal	15911308
CIE Lab	83.20, 6.59, 35.88
CIE LCh	83, 36.482, 79.590
Yxy	62.5440, 0.3930, 0.3949
Android (android.graphics.Color)	4294101388 (0xFFFF2C98C)
YUV	206.3050, -32.6884, 31.3045
Hunter-Lab	79.0848, 2.0778, 30.1673

Details

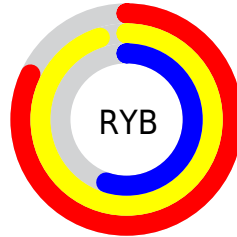
The XYZ color **62.2382, 62.5440, 33.6028** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.3655, 45.0323, 90.4107**, and the grayscale version is **59.0462, 62.1212, 67.6500**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **32.0041, 31.7791, 13.8984** is the 20% darker color. If you saturate the color by 10%, you get **58.4507, 57.5175, 24.4840**, and if you desaturate by 10%, it is **66.5648, 68.0205, 44.8386**.

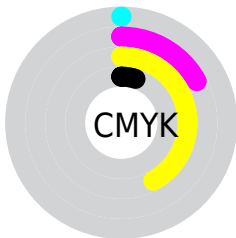
Distribution



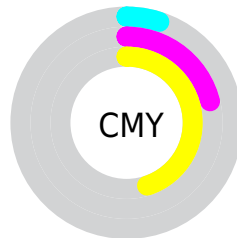
- Red (95%)
- Green (79%)
- Blue (55%)



- Red (82%)
- Yellow (95%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2382, 62.5440, 33.6028 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 62.2382, 62.5440, 33.6028 by changing the saturation by 10% instead.


 62.2382, 62.5440,
33.6028


 62.2382, 62.5440,
33.6028


422.5032,
433.9127, 333.0722


 45.4815, 45.4724,
22.3137


 107.1577,
108.5114, 66.4423

 32.0398, 31.8297,
13.8871


 136.0513,
138.1760, 88.8299

 21.5476, 21.2314,
7.9043


 169.7212,
172.8070, 115.7540

 13.6396, 13.2933,
3.9469

208.5328,
212.7888, 147.6333

 7.9504, 7.6308,
1.5963

252.8514,
258.5060, 184.8862

 4.1148, 3.8596,
0.2881

303.0424,

 1.7673, 1.5954,

310.3427, 227.9313

0.0000

359.4712,
368.6835, 277.1871

■ 0.4978, 0.3545,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2382, 62.5440,
33.6028

■ 62.2382, 62.5440,
33.6028

■ 58.4507, 57.5175,
24.4840

■ 66.5648, 68.0205,
44.8386

■ 55.1691, 52.9165,
17.3404

■ 71.4521, 73.9528,
58.3128

■ 52.3629, 48.7269,
12.0191

■ 76.9258, 80.3575,
74.1423

■ 49.9959, 44.9297,
8.3422

■ 83.0088, 87.2477,
92.4345

■ 48.0248, 41.5029,
6.0959

■ 88.7407, 94.2429,
108.1213

■ 46.7034, 39.0483,
5.0755

■ 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



69.8655, 62.5440, 40.0164



62.2382, 62.5440, 33.6028



54.4891, 62.5440, 34.7426

Triad

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



62.2382, 62.5440, 33.6028



46.2325, 62.5440, 83.7803



71.8008, 62.5440, 100.4349

Complementary

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



62.2382, 62.5440, 33.6028



43.3655, 45.0323, 90.4107

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.



64.6952, 62.5440, 117.9571



62.2382, 62.5440, 33.6028



50.1180, 62.5440, 106.9610

Square

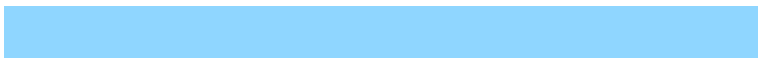
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.2382, 62.5440, 33.6028



45.7015, 62.5440, 60.5253



56.7390, 62.5440, 120.5797



75.7025, 62.5440, 76.2812

Rectangle

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



62.2382, 62.5440, 33.6028



50.2670, 62.5440, 39.7357



56.7390, 62.5440, 120.5797



69.6799, 62.5440, 107.5037

Sweetspot

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



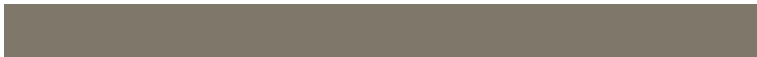
62.2398, 62.5469, 33.6041



86.0607, 89.8379, 81.8065



54.4916, 41.0321, 49.5759



18.1189, 18.8796, 16.6267



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.



62.2398, 62.5469, 33.6041



66.2312, 65.3249, 28.5035



70.2536, 82.8055, 37.0920



16.5590, 17.3312, 16.6222



25.2269, 21.2520, 2.7724



2.1958, 1.9623, 0.2630

Inverse Universe

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



43.3655, 45.0323, 90.4107



42.2653, 43.1066, 100.7005



37.7090, 31.5103, 88.0988



15.4187, 16.2715, 20.0497



11.0446, 8.3135, 46.1504



1.0137, 0.8815, 3.8709

Previews

White Background



This preview shows how the XYZ color 62.2382, 62.5440, 33.6028 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 62.2382, 62.5440, 33.6028 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 62.2382, 62.5440, 33.6028

Background



This preview shows how black text looks on a background with the XYZ color 62.2382, 62.5440, 33.6028.



This preview shows how white text looks on a background with the XYZ color 62.2382, 62.5440,

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

62.2382, 62.5440, 33.6028

Protanopia

58.0112, 62.4561, 34.9843

Deuteranopia

63.7132, 62.2677, 33.8601



Tritanopia

69.1790, 62.3440, 67.4189

Trichromacy



Original Color

62.2382, 62.5440, 33.6028

Protanomaly

59.6688, 62.6046, 34.5302

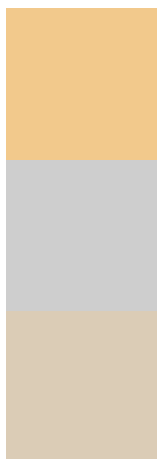
Deuteranomaly

63.2372, 62.3628, 33.9036

Tritanomaly

66.0684, 62.0419, 53.2929

Monochromacy



Original Color

62.2382, 62.5440, 33.6028

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2498, 61.6232, 53.0276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2382, 62.5440, 33.6028 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(242, 201, 140)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 140)  
}
```

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(242, 201, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 140) }
```

Border

The CSS property to change the border of an element to XYZ 62.2382, 62.5440, 33.6028 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(242, 201, 140) }
```


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

```
.border{ border-color:rgb(242, 201, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 201, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 140);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2382, 62.5440, 33.6028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 140) }
```

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

```
.background{ background-color: rgb(242,  
201, 140) }
```

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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