

Converting Colors

XYZ(62.5662, 62.4166, 35.6617)

Have a look what the booklet for
XYZ(62.5662, 62.4166, 35.6617)
contains.

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Color

**XYZ(62.3831, 62.2301,
35.5117)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F2C891 |
| RGB | 242, 200, 145 |
| RGB Percent | 95%, 78%, 57% |
| CMY | 0.0510, 0.2157, 0.4314 |
| CMYK | 0.00, 0.17, 0.40, 0.05 |
| HSL | 34°, 79%, 76% |
| HSV | 34°, 40%, 95% |
| XYZ | 62.3831, 62.2301, 35.5117 |
| YIQ | 206.2880, 42.6870, -8.2010 |

Conversions

Conversions Part 2

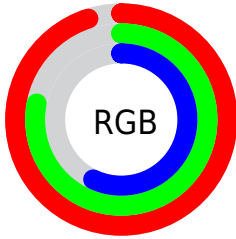
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 242, 145 |
| Decimal | 15911057 |
| CIE Lab | 83.04, 7.65, 33.08 |
| CIE LCh | 83, 33.955, 76.988 |
| Yxy | 62.2301, 0.3896, 0.3886 |
| Android (android.graphics.Color) | 4294101137 (0xFFFF2C891) |
| YUV | 206.2880, -30.2150, 31.3194 |
| Hunter-Lab | 78.8861, 3.1072, 28.5300 |

Details

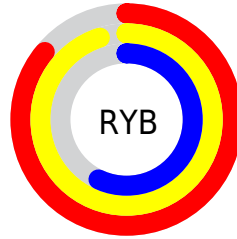
The XYZ color **62.3831, 62.2301, 35.5117** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.4739, 47.9696, 90.8669**, and the grayscale version is **59.0205, 62.0942, 67.6206**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **32.0664, 31.5563, 14.9906** is the 20% darker color. If you saturate the color by 10%, you get **58.3686, 56.8761, 25.9273**, and if you desaturate by 10%, it is **66.9645, 68.0815, 47.2472**.

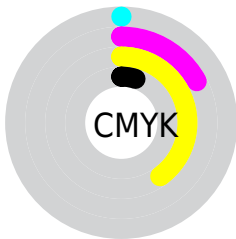
Distribution



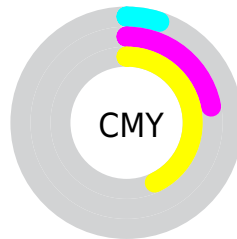
- Red (95%)
- Green (78%)
- Blue (57%)



- Red (86%)
- Yellow (95%)
- Blue (57%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3831, 62.2301, 35.5117 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 62.3831, 62.2301, 35.5117 by changing the saturation by 10% instead.


 62.3831, 62.2301,
35.5117

 62.3831, 62.2301,
35.5117


423.0225,
432.7699, 341.7938

 45.5991, 45.2187,
23.7706


 107.3658,
108.0580, 69.4383

 32.1329, 31.6297,
14.9529


 136.2953,
137.6433, 92.4608

 21.6190, 21.0788,
8.6401


170.0039,
172.1886, 120.0809

 13.6923, 13.1816,
4.4136

208.8571,
212.0784, 152.7171

 7.9872, 7.5537,
1.8549

253.2202,
257.6970, 190.7880

 4.1385, 3.8107,
0.4638

303.4586,

 1.7808, 1.5683,

309.4289, 234.7120

0.0000

359.9375,
367.6584, 284.9078

■ 0.5061, 0.3361,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3831, 62.2301,
35.5117

■ 62.3831, 62.2301,
35.5117

■ 58.3686, 56.8761,
25.9273

■ 66.9645, 68.0815,
47.2472

■ 54.8877, 51.9940,
18.3551

■ 72.1345, 74.4374,
61.2534

■ 51.9099, 47.5684,
12.6455

■ 77.9193, 81.3153,
77.6455

■ 49.3992, 43.5794,
8.6262

■ 84.3419, 88.7294,
96.5297

■ 47.3134, 40.0042,
6.0922

■ 89.6014, 95.9642,
108.4082

■ 45.5963, 36.8339,
4.7065

■ 90.4280, 97.6173,
108.6837

Harmonies

Analogous

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



69.3078, 62.2301, 42.2905



62.3831, 62.2301, 35.5117



55.1193, 62.2301, 35.9855

Triad

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



62.3831, 62.2301, 35.5117



46.6502, 62.2301, 80.2673



70.0801, 62.2301, 99.2418

Complementary

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



62.3831, 62.2301, 35.5117



45.4739, 47.9696, 90.8669

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.



63.3681, 62.2301, 114.2345



62.3831, 62.2301, 35.5117



50.0327, 62.2301, 101.8209

Square

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



62.3831, 62.2301, 35.5117



46.4343, 62.2301, 59.0579



56.0264, 62.2301, 115.2656



73.9929, 62.2301, 77.2732

Rectangle

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



62.3831, 62.2301, 35.5117



51.0560, 62.2301, 40.3272



56.0264, 62.2301, 115.2656



68.0524, 62.2301, 105.4459

Sweetspot

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



62.3847, 62.2330, 35.5130



86.4273, 90.0204, 83.6262



55.7170, 42.7180, 52.3418



18.3116, 19.0469, 17.3634



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.



62.3847, 62.2330, 35.5130



66.5686, 65.1875, 31.1196



71.3006, 83.3019, 39.1097



16.5167, 17.2465, 16.6081



24.6332, 20.0644, 2.5745



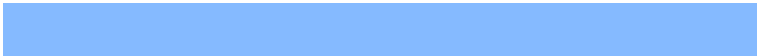
2.1480, 1.8666, 0.2471

Inverse Universe

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



45.4739, 47.9696, 90.8669



45.1328, 47.1199, 101.3240



39.0023, 33.2864, 88.3738



15.4601, 16.3544, 20.0635



11.4411, 9.1064, 46.2826



1.0489, 0.9517, 3.8826

Previews

White Background



This preview shows how the XYZ color 62.3831, 62.2301, 35.5117 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 62.3831, 62.2301, 35.5117 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 62.3831, 62.2301, 35.5117

Background



This preview shows how black text looks on a background with the XYZ color 62.3831, 62.2301, 35.5117.



This preview shows how white text looks on a background with the XYZ color 62.3831, 62.2301,

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

62.3831, 62.2301, 35.5117

Protanopia

58.0895, 62.4517, 37.0097

Deuteranopia

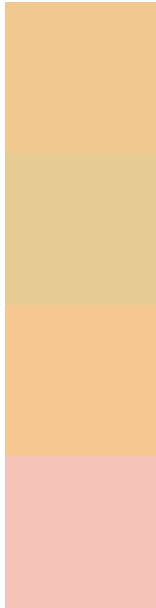
63.3110, 62.0253, 35.4233



Tritanopia

68.8235, 62.1607, 67.4023

Trichromacy



Original Color

62.3831, 62.2301, 35.5117

Protanomaly

59.4925, 62.1153, 36.4576

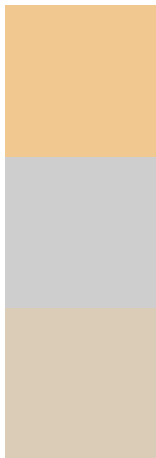
Deuteranomaly

63.1904, 62.3037, 35.4834

Tritanomaly

66.1729, 62.0837, 53.8431

Monochromacy



Original Color

62.3831, 62.2301, 35.5117

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.4580, 61.7065, 54.1242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3831, 62.2301, 35.5117 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, 200, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 200, 145)  
}
```

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, 200, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 200, 145) }
```

Border

The CSS property to change the border of an element to XYZ 62.3831, 62.2301, 35.5117 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, 200, 145) }
```


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

```
.border{ border-color:rgb(242, 200, 145) }
```

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

Here you see how a box with a 4 pixel rgb(242, 200, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 200, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 200, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 200,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3831, 62.2301, 35.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 200, 145) }
```

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

```
.background{ background-color: rgb(242,  
200, 145) }
```

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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