

Converting Colors

XYZ(63.6266, 62.5838, 52.2074)

Have a look what the booklet for
XYZ(63.6266, 62.5838, 52.2074)
contains.

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Color

**XYZ(63.5868, 62.4776,
52.4241)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ECC8B5 |
| RGB | 236, 200, 181 |
| RGB Percent | 93%, 78%, 71% |
| CMY | 0.0745, 0.2157, 0.2902 |
| CMYK | 0.00, 0.15, 0.23, 0.07 |
| HSL | 21°, 59%, 82% |
| HSV | 21°, 23%, 93% |
| XYZ | 63.5868, 62.4776, 52.4241 |
| YIQ | 208.5980, 27.5550, 1.7230 |

Conversions

Conversions Part 2

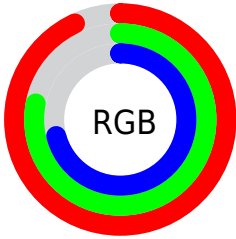
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 210, 181 |
| Decimal | 15517877 |
| CIE Lab | 83.17, 9.86, 14.22 |
| CIE LCh | 83, 17.304, 55.276 |
| Yxy | 62.4776, 0.3563, 0.3500 |
| Android (android.graphics.Color) | 4293707957 (0xFFECC8B5) |
| YUV | 208.5980, -13.6058, 24.0316 |
| Hunter-Lab | 79.0428, 5.2714, 16.0066 |

Details

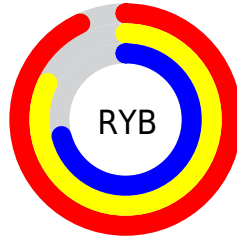
The XYZ color **63.5868, 62.4776, 52.4241** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.0087, 65.5038, 88.8905**, and the grayscale version is **60.4171, 63.5634, 69.2206**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **32.9976, 31.8196, 24.8247** is the 20% darker color. If you saturate the color by 10%, you get **57.9695, 54.7953, 39.5996**, and if you desaturate by 10%, it is **69.9791, 71.0524, 67.5320**.

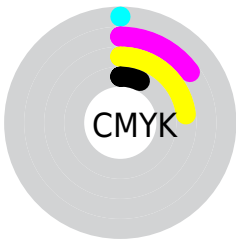
Distribution



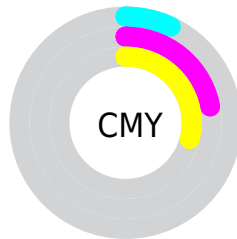
- Red (93%)
- Green (78%)
- Blue (71%)



- Red (93%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5868, 62.4776, 52.4241 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 63.5868, 62.4776, 52.4241 by changing the saturation by 10% instead.


 63.5868, 62.4776,
52.4241

 63.5868, 62.4776,
52.4241


427.3219,
433.6711, 413.0751

 46.5765, 45.4187,
36.9587


 109.0927,
108.4155, 95.1893

 32.9075, 31.7874,
24.8799


138.3191,
138.0633, 123.3262

 22.2145, 21.1991,
15.7694


172.3481,
172.6762, 156.5240

 14.1321, 13.2696,
9.2086

211.5453,
212.6386, 195.2012

 8.2949, 7.6145,
4.7788

256.2759,
258.3349, 239.7764

 4.3376, 3.8493,
2.0616

306.9053,

 1.8949, 1.5896,

310.1495, 290.6681

0.5928

363.7988,
368.4668, 348.2948

■ 0.5738, 0.3506,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5868, 62.4776,
52.4241

■ 63.5868, 62.4776,
52.4241

■ 57.9695, 54.7953,
39.5996

■ 69.9791, 71.0524,
67.5320

■ 53.0908, 47.9675,
28.9422

■ 77.1707, 80.5394,
85.0240

■ 48.9188, 41.9655,
20.3313

■ 85.1913, 90.9682,
104.9994

■ 45.4170, 36.7560,
13.6326

■ 88.4022, 96.5729,
108.5889

■ 42.5450, 32.3031,
8.6956

■ 40.2577, 28.5673,
5.3467

■ 38.5017, 25.5048,
3.3761

■ 37.5755, 23.7995,
2.6133

Harmonies

Analogous

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



66.1464, 62.4776, 59.5840



63.5868, 62.4776, 52.4241



59.9791, 62.4776, 49.4491

Triad

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



63.5868, 62.4776, 52.4241



52.4815, 62.4776, 66.3404



62.5160, 62.4776, 88.4666

Complementary

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



63.5868, 62.4776, 52.4241



59.0087, 65.5038, 88.8905

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.



58.7910, 62.4776, 90.7584



63.5868, 62.4776, 52.4241



53.0972, 62.4776, 77.2332

Square

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



63.5868, 62.4776, 52.4241



53.6505, 62.4776, 56.9270



55.3688, 62.4776, 86.4552



65.5102, 62.4776, 80.4846

Rectangle

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



63.5868, 62.4776, 52.4241



57.5032, 62.4776, 49.9843



55.3688, 62.4776, 86.4552



61.3035, 62.4776, 89.9614

Sweetspot

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



63.5885, 62.4804, 52.4254



88.6938, 91.6748, 93.2561



63.7278, 55.9259, 73.5377



18.8717, 19.4741, 19.6865



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.



63.5885, 62.4804, 52.4254



72.4720, 69.9482, 54.8095



70.3565, 76.0165, 54.6814



15.4911, 15.9051, 15.7722



20.8210, 13.3363, 1.4768



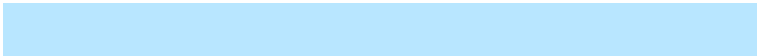
1.7218, 1.2210, 0.1449

Inverse Universe

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



59.0087, 65.5038, 88.8905



66.1098, 74.1377, 105.4334



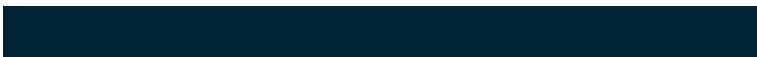
52.6467, 52.7799, 86.7699



15.0541, 16.1947, 19.2547



14.8819, 16.4108, 46.1262



1.2577, 1.4669, 3.6517

Previews

White Background



This preview shows how the XYZ color 63.5868, 62.4776, 52.4241 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 63.5868, 62.4776, 52.4241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

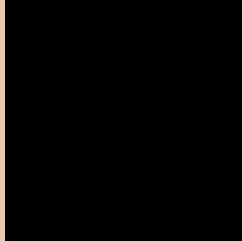
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5868, 62.4776, 52.4241

Background



This preview shows how black text looks on a background with the XYZ color 63.5868, 62.4776, 52.4241.



This preview shows how white text looks on a background with the XYZ color 63.5868, 62.4776,

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

63.5868, 62.4776, 52.4241

Protanopia

59.2835, 62.6853, 54.3223

Deuteranopia

63.9198, 62.6493, 52.4396



Tritanopia

67.4330, 62.7083, 70.1778

Trichromacy



Original Color

63.5868, 62.4776, 52.4241

Protanomaly

60.5715, 62.2926, 53.6310

Deuteranomaly

63.9198, 62.6493, 52.4396

Tritanomaly

65.9882, 62.4534, 63.2203

Monochromacy



Original Color

63.5868, 62.4776, 52.4241

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.5935, 63.3262, 63.0097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5868, 62.4776, 52.4241 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(236, 200, 181)` looks like.

```
.text, #text, p{  
    color:rgb(236, 200, 181)  
}
```

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(236, 200, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 200, 181) }
```

Border

The CSS property to change the border of an element to XYZ 63.5868, 62.4776, 52.4241 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(236, 200, 181) }
```


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

```
.border{ border-color:rgb(236, 200, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 200, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(236, 200,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5868, 62.4776, 52.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 200, 181) }
```

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

```
.background{ background-color: rgb(236,  
200, 181) }
```

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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