

Converting Colors

XYZ(58.3767, 62.5848, 40.5156)

Have a look what the booklet for
XYZ(58.3767, 62.5848, 40.5156)
contains.

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Color

**XYZ(58.4378, 62.5555,
40.4469)**

Conversions

Conversions Part 1

Format	Color
Hex	DECF9C
RGB	222, 207, 156
RGB Percent	87%, 81%, 61%
CMY	0.1294, 0.1882, 0.3882
CMYK	0.00, 0.07, 0.30, 0.13
HSL	46°, 50%, 74%
HSV	46°, 30%, 87%
XYZ	58.4378, 62.5555, 40.4469
YIQ	205.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

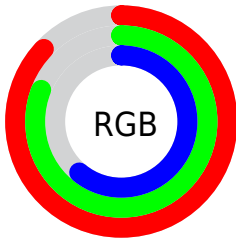
Format	Color
RYB	175, 222, 156
Decimal	14602140
CIELab	83.21, -2.46, 27.28
CIELCh	83, 27.388, 95.149
Yxy	62.5555, 0.3620, 0.3875
Android (android.graphics.Color)	4292792220 (0xFFDECF9C)
YUV	205.6710, -24.4878, 14.3205
Hunter-Lab	79.0920, -6.5249, 25.0441

Details

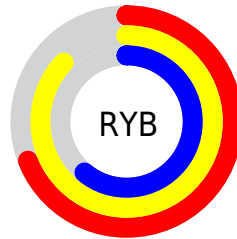
The XYZ color **58.4378, 62.5555, 40.4469** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4578, 41.4667, 74.9264**, and the grayscale version is **58.5974, 61.6490, 67.1358**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **29.6158, 31.8889, 17.6910** is the 20% darker color. If you saturate the color by 10%, you get **55.5251, 59.4684, 31.0339**, and if you desaturate by 10%, it is **61.7363, 65.8638, 51.6850**.

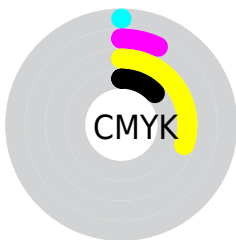
Distribution



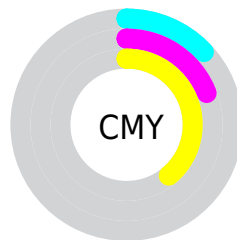
- Red (87%)
- Green (81%)
- Blue (61%)



- Red (69%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4378, 62.5555, 40.4469 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 58.4378, 62.5555, 40.4469 by changing the saturation by 10% instead.


 58.4378, 62.5555,
40.4469


 58.4378, 62.5555,
40.4469


408.7429,
433.9545, 363.6116

 42.4053, 45.4817,
27.5707


 101.6794,
108.5280, 77.0881

 29.6113, 31.8370,
17.7661


 129.6193,
138.1955, 101.6902

 19.6904, 21.2370,
10.6145

162.2590,
172.8296, 131.0379

 12.2771, 13.2974,
5.6973

199.9640,
212.8149, 165.5500

 7.0062, 7.6336,
2.5961

243.0995,
258.5356, 205.6448

 3.5124, 3.8614,
0.8905

292.0309,

 1.4301, 1.5964,

310.3762, 251.7410

0.0000

347.1236,
368.7210, 304.2571

■ 0.2776, 0.3551,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4378, 62.5555,
40.4469

■ 58.4378, 62.5555,
40.4469

■ 55.5251, 59.4684,
31.0339

■ 61.7363, 65.8638,
51.6850

■ 52.9744, 56.5858,
23.3434

■ 65.4336, 69.3924,
64.8356

■ 50.7664, 53.9016,
17.2683

■ 69.5477, 73.1514,
79.9851

■ 48.8778, 51.4059,
12.6882

■ 74.0942, 77.1474,
97.2136

47.2822, 49.0875,
9.4656

77.0943, 80.5896,
106.0998

45.9483, 46.9333,
7.4375

78.5364, 83.4738,
106.5805

44.8228, 44.9214,
6.3255

80.0196, 86.4402,
107.0749

44.7936, 44.8682,
6.2995

81.5442, 89.4894,
107.5831

83.1106, 92.6222,
108.1052

Harmonies

Analogous

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



64.3886, 62.5555, 42.5287



58.4378, 62.5555, 40.4469



53.1198, 62.5555, 44.7099

Triad

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



58.4378, 62.5555, 40.4469



50.5968, 62.5555, 88.7374



70.4374, 62.5555, 82.8084

Complementary

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



58.4378, 62.5555, 40.4469



41.4578, 41.4667, 74.9264

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.



66.2794, 62.5555, 98.5194



58.4378, 62.5555, 40.4469



54.7841, 62.5555, 102.3226

Square

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



58.4378, 62.5555, 40.4469



48.7895, 62.5555, 71.0908



60.4882, 62.5555, 106.1706



71.5763, 62.5555, 65.2182

Rectangle

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



58.4378, 62.5555, 40.4469



50.5662, 62.5555, 51.0744



60.4882, 62.5555, 106.1706



69.3335, 62.5555, 88.5716

Sweetspot

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



58.4394, 62.5583, 40.4482



89.9317, 95.3272, 90.0412



49.4021, 42.2628, 44.2828



19.0815, 20.2475, 18.6658



0.0000, 0.0000, 0.0000



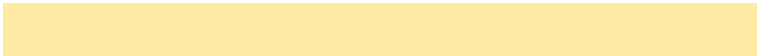
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.4394, 62.5583, 40.4482



77.3323, 82.8386, 46.6580



57.1342, 67.5372, 41.4780



14.5939, 15.4737, 14.5243



26.6937, 26.8253, 3.7709



1.9157, 1.9902, 0.2832

Inverse Universe

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



41.4578, 41.4667, 74.9264



50.3476, 49.3323, 101.4762



42.4406, 38.0045, 74.2063



13.2034, 13.7460, 17.3450



8.5895, 4.6486, 41.4929



0.6626, 0.4567, 2.8985

Previews

White Background



This preview shows how the XYZ color 58.4378, 62.5555, 40.4469 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 58.4378, 62.5555, 40.4469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

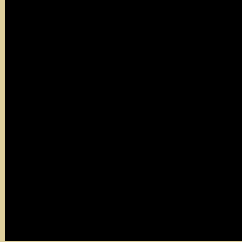
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4378, 62.5555, 40.4469

Background



This preview shows how black text looks on a background with the XYZ color 58.4378, 62.5555, 40.4469.



This preview shows how white text looks on a background with the XYZ color 58.4378, 62.5555,

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

58.4378, 62.5555, 40.4469

Protanopia

58.4378, 62.5555, 40.4469

Deuteranopia

63.9032, 62.5486, 41.0528



Tritanopia

65.0023, 62.4112, 72.9105

Trichromacy



Original Color

58.4378, 62.5555, 40.4469

Protanomaly

58.4378, 62.5555, 40.4469

Deuteranomaly

61.7984, 62.5082, 40.7065

Tritanomaly

62.2222, 62.3049, 59.7855

Monochromacy



Original Color

58.4378, 62.5555, 40.4469

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2998, 61.7705, 56.4271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4378, 62.5555, 40.4469 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(222, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 156)  
}
```

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(222, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.4378, 62.5555, 40.4469 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(222, 207, 156) }
```


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

```
.border{ border-color:rgb(222, 207, 156) }
```

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

Here you see how a box with a 4 pixel rgb(222, 207, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4378, 62.5555, 40.4469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 156) }
```

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

```
.background{ background-color: rgb(222,  
207, 156) }
```

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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