

Converting Colors

XYZ(60.5876, 64.0658, 62.6724)

Have a look what the booklet for
XYZ(60.5876, 64.0658, 62.6724)
contains.

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Color

**XYZ(60.4341, 63.8243,
62.5602)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D1C6
RGB	213, 209, 198
RGB Percent	84%, 82%, 78%
CMY	0.1647, 0.1804, 0.2235
CMYK	0.00, 0.02, 0.07, 0.16
HSL	44°, 15%, 81%
HSV	44°, 7%, 84%
XYZ	60.4341, 63.8243, 62.5602
YIQ	208.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

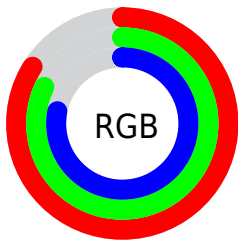
Format	Color
R_{YB}	203, 213, 198
Decimal	14012870
CIE Lab	83.87, -0.54, 5.93
CIE LCh	84, 5.953, 95.227
Yxy	63.8243, 0.3235, 0.3416
Android (android.graphics.Color)	4292202950 (0xFFD5D1C6)
YUV	208.9420, -5.3944, 3.5589
Hunter-Lab	79.8901, -4.7786, 9.4944

Details

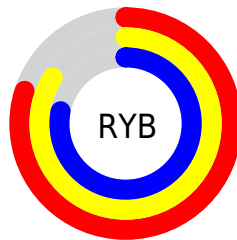
The XYZ color **60.4341, 63.8243, 62.5602** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4194, 59.0500, 71.3757**, and the grayscale version is **60.5994, 63.7553, 69.4295**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8559, 32.7254, 31.0759** is the 20% darker color. If you saturate the color by 10%, you get **56.7811, 60.1770, 50.0618**, and if you desaturate by 10%, it is **64.4858, 67.7145, 76.8977**.

Distribution



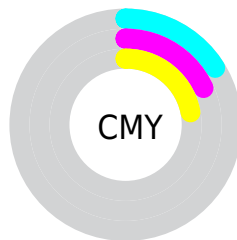
- Red (84%)
- Green (82%)
- Blue (78%)



- Red (80%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4341, 63.8243, 62.5602 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 60.4341, 63.8243, 62.5602 by changing the saturation by 10% instead.

■ 60.4341, 63.8243,
62.5602

■ 60.4341, 63.8243,
62.5602

416.0052,
438.5549, 452.0355

■ 44.0194, 46.5084,
45.0468

104.5619,
110.3579, 110.1142

■ 30.8838, 32.6472,
31.1511

133.0057,
140.3443, 140.9919

■ 20.6617, 21.8563,
20.4545

166.1900,
175.3230, 177.1614

■ 12.9880, 13.7514,
12.5385

204.4800,
215.6784, 219.0413

■ 7.4972, 7.9479,
6.9846

248.2412,
261.7949, 267.0501

■ 3.8240, 4.0616,
3.3741

297.8389,

■ 1.6031, 1.7081,

314.0569, 321.6064

1.2887

353.6384,
372.8488, 383.1287

■ 0.3944, 0.4289,
0.0525

■ 0.0000, 0.0000,
0.0000

■ 60.4341, 63.8243,
62.5602

■ 60.4341, 63.8243,
62.5602

■ 56.7811, 60.1770,
50.0618

■ 64.4858, 67.7145,
76.8977

■ 53.5067, 56.7577,
39.3226

■ 68.9448, 71.8458,
93.1414

■ 50.5967, 53.5618,
30.2630

■ 72.6950, 75.7744,
105.4022

■ 48.0342, 50.5817,
22.7957

■ 74.2639, 78.9123,
105.9252

45.8003, 47.8091,
16.8254

75.8844, 82.1533,
106.4654

43.8747, 45.2350,
12.2464

77.5569, 85.4983,
107.0229

42.2342, 42.8492,
8.9395

79.2819, 88.9483,
107.5979

40.8516, 40.6399,
6.7649

81.0598, 92.5042,
108.1905

39.6913, 38.5920,
5.5380

81.2509, 92.8863,
108.2542

Harmonies

Analogous

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



61.7238, 63.8243, 63.1525



60.4341, 63.8243, 62.5602



59.2229, 63.8243, 63.7706

Triad

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



60.4341, 63.8243, 62.5602



58.6303, 63.8243, 73.7349



62.9771, 63.8243, 72.5581

Complementary

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



60.4341, 63.8243, 62.5602



56.4194, 59.0500, 71.3757

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.



62.1264, 63.8243, 75.5496



60.4341, 63.8243, 62.5602



59.6146, 63.8243, 76.2460

Square

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



60.4341, 63.8243, 62.5602



58.1911, 63.8243, 70.1525



60.8926, 63.8243, 76.9217



63.2041, 63.8243, 68.8393

Rectangle

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



60.4341, 63.8243, 62.5602



58.6192, 63.8243, 65.4635



60.8926, 63.8243, 76.9217



62.7540, 63.8243, 73.6863

Sweetspot

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



60.4359, 63.8271, 62.5616



93.8077, 98.8121, 104.4887



58.2962, 58.7995, 64.1549



20.0918, 21.1624, 22.4111



0.0000, 0.0000, 0.0000



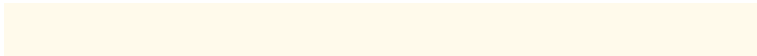
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4359, 63.8271, 62.5616



90.2284, 95.3365, 91.9408



60.4243, 65.2949, 62.8455



13.1800, 13.9341, 13.1556



24.1381, 23.3934, 3.2432



1.5222, 1.5436, 0.2177

Inverse Universe

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



56.4194, 59.0500, 71.3757



83.3493, 87.1547, 107.0373



56.4273, 57.6802, 71.1109



12.0090, 12.5415, 15.7253



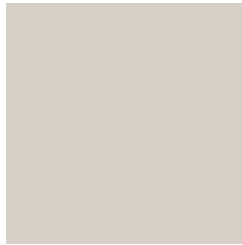
8.2945, 4.8508, 38.9523



0.5686, 0.4291, 2.3722

Previews

White Background



This preview shows how the XYZ color 60.4341, 63.8243, 62.5602 looks on a white background.

Color Contrast Check

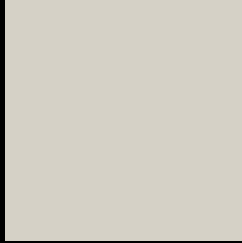
Large Text (above 18pt) WCAG AA × Fail

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 60.4341, 63.8243, 62.5602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

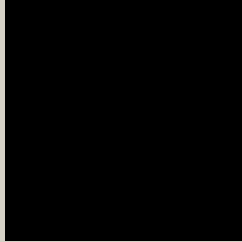
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4341, 63.8243, 62.5602

Background



This preview shows how black text looks on a background with the XYZ color 60.4341, 63.8243, 62.5602.

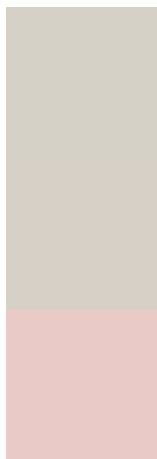


This preview shows how white text looks on a background with the XYZ color 60.4341, 63.8243,

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

60.4341, 63.8243, 62.5602

Protanopia

60.7732, 63.6360, 62.5060

Deuteranopia

65.0336, 63.6882, 62.8982



Tritanopia

63.3350, 63.5355, 78.0327

Trichromacy



Original Color

60.4341, 63.8243, 62.5602

Protanomaly

60.4805, 63.4851, 62.4923

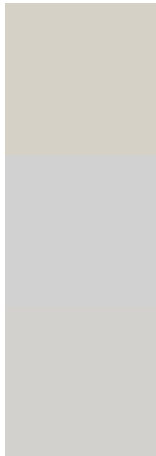
Deuteranomaly

63.5042, 63.9549, 63.0303

Tritanomaly

62.1059, 63.3938, 71.9137

Monochromacy



Original Color

60.4341, 63.8243, 62.5602

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3983, 63.7103, 66.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4341, 63.8243, 62.5602 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(213, 209, 198) looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 198)  
}
```

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(213, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.4341, 63.8243, 62.5602 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(213, 209, 198) }
```


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

```
.border{ border-color:rgb(213, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4341, 63.8243, 62.5602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 198) }
```

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

```
.background{ background-color: rgb(213,  
209, 198) }
```

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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