

Converting Colors

XYZ(60.8180, 62.7019, 63.1288)

Have a look what the booklet for
XYZ(60.8180, 62.7019, 63.1288)
contains.

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Color

**XYZ(60.7554, 62.5379,
62.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CDC7
RGB	217, 205, 199
RGB Percent	85%, 80%, 78%
CMY	0.1490, 0.1961, 0.2196
CMYK	0.00, 0.06, 0.08, 0.15
HSL	20°, 19%, 82%
HSV	20°, 8%, 85%
XYZ	60.7554, 62.5379, 62.9017
YIQ	207.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

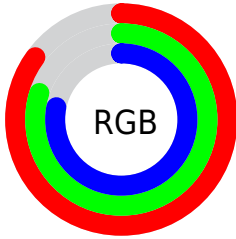
Format	Color
R_{YB}	217, 208, 199
Decimal	14273991
CIE Lab	83.20, 3.13, 4.46
CIE LCh	83, 5.450, 54.949
Yxy	62.5379, 0.3263, 0.3359
Android (android.graphics.Color)	4292464071 (0xFFD9CDC7)
YUV	207.9040, -4.3897, 7.9772
Hunter-Lab	79.0809, -1.2556, 8.1968

Details

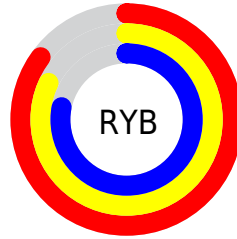
The XYZ color **60.7554, 62.5379, 62.9017** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3717, 63.7393, 74.8200**, and the grayscale version is **59.9169, 63.0373, 68.6476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0777, 31.8589, 31.2995** is the 20% darker color. If you saturate the color by 10%, you get **55.1128, 55.0010, 49.4641**, and if you desaturate by 10%, it is **67.0806, 70.8636, 78.3409**.

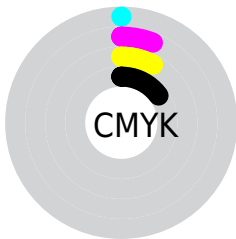
Distribution



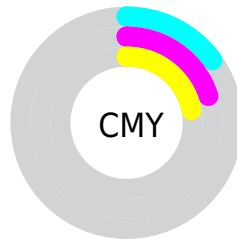
- Red (85%)
- Green (80%)
- Blue (78%)



- Red (85%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7554, 62.5379, 62.9017 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 60.7554, 62.5379, 62.9017 by changing the saturation by 10% instead.

■ 60.7554, 62.5379,
62.9017

■ 60.7554, 62.5379,
62.9017

417.1668,
433.8905, 453.3108

■ 44.2796, 45.4675,
45.3212

105.0248,
108.5026, 110.6119

■ 31.0892, 31.8258,
31.3657

133.5491,
138.1656, 141.5787

■ 20.8190, 21.2285,
20.6167

166.8203,
172.7950, 177.8446

■ 13.1034, 13.2911,
12.6556

205.2037,
212.7750, 219.8282

■ 7.5773, 7.6293,
7.0639

249.0647,
258.4902, 267.9482

■ 3.8752, 3.8587,
3.4230

298.7687,

■ 1.6318, 1.5948,

310.3250, 322.6228

1.3145

354.6809,
368.6636, 384.2709

■ 0.4130, 0.3541,
0.0736

■ 0.0000, 0.0000,
0.0000

■ 60.7554, 62.5379,
62.9017

■ 60.7554, 62.5379,
62.9017

■ 55.1128, 55.0010,
49.4641

■ 67.0806, 70.8636,
78.3409

■ 50.1239, 48.2213,
37.9416

■ 74.1057, 79.9922,
95.8553

■ 45.7652, 42.1771,
28.2471

■ 80.3534, 89.3474,
107.6184

■ 42.0096, 36.8427,
20.2852

■ 82.4256, 93.4919,
108.3092

■ 38.8284, 32.1904,
13.9519

■ 36.1896, 28.1910,
9.1319

■ 34.0581, 24.8127,
5.6943

■ 32.3936, 22.0202,
3.4855

■ 31.1416, 19.7715,
2.2812

Harmonies

Analogous

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



61.5253, 62.5379, 65.3839



60.7554, 62.5379, 62.9017



59.6407, 62.5379, 61.8122

Triad

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



60.7554, 62.5379, 62.9017



57.2048, 62.5379, 67.5216



60.4044, 62.5379, 74.1677

Complementary

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



60.7554, 62.5379, 62.9017



59.3717, 63.7393, 74.8200

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.



59.2405, 62.5379, 74.7858



60.7554, 62.5379, 62.9017



57.4032, 62.5379, 70.8762

Square

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



60.7554, 62.5379, 62.9017



57.5989, 62.5379, 64.4225



58.1445, 62.5379, 73.5626



61.3207, 62.5379, 71.9006

Rectangle

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



60.7554, 62.5379, 62.9017



58.8560, 62.5379, 61.9953



58.1445, 62.5379, 73.5626



60.0287, 62.5379, 74.5783

Sweetspot

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



60.7571, 62.5406, 62.9030



93.1649, 97.5264, 104.2744



60.7974, 60.3026, 70.0640



19.9609, 20.9007, 22.3675



0.0000, 0.0000, 0.0000



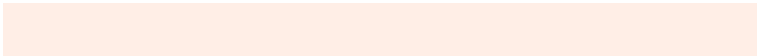
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7571, 62.5406, 62.9030



86.0290, 88.0975, 86.9656



62.9714, 66.9691, 63.6411



13.4091, 13.7576, 13.6743



18.8271, 11.9397, 1.3123



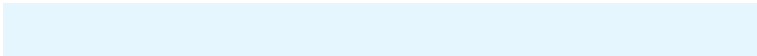
1.2975, 0.9290, 0.1109

Inverse Universe

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



59.3717, 63.7393, 74.8200



83.6292, 90.1731, 107.6052



57.1990, 59.3938, 74.0958



13.0600, 14.0597, 16.6776



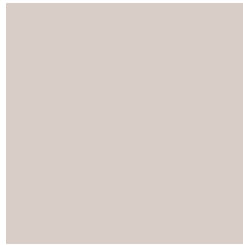
13.7766, 15.4226, 41.9892



0.9705, 1.1552, 2.7463

Previews

White Background



This preview shows how the XYZ color 60.7554, 62.5379, 62.9017 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 60.7554, 62.5379, 62.9017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

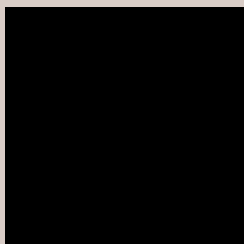
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

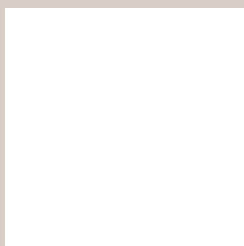
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7554, 62.5379, 62.9017

Background



This preview shows how black text looks on a background with the XYZ color 60.7554, 62.5379, 62.9017.

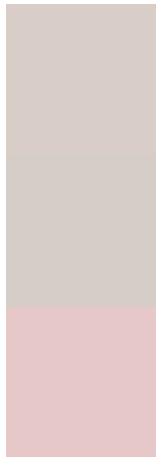


This preview shows how white text looks on a background with the XYZ color 60.7554, 62.5379,

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

60.7554, 62.5379, 62.9017

Protanopia

59.9372, 62.4589, 63.5403

Deuteranopia

63.7127, 62.3017, 63.3110



Tritanopia

63.2906, 62.5187, 75.0612

Trichromacy



Original Color

60.7554, 62.5379, 62.9017

Protanomaly

60.2282, 62.6089, 63.5539

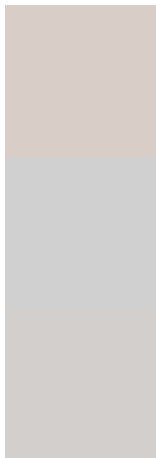
Deuteranomaly

62.5972, 62.4187, 63.3924

Tritanomaly

62.3272, 62.4751, 70.4019

Monochromacy



Original Color

60.7554, 62.5379, 62.9017

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.1962, 62.8823, 66.7224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7554, 62.5379, 62.9017 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(217, 205, 199) looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 199)  
}
```

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(217, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 199) }
```

Border

The CSS property to change the border of an element to XYZ 60.7554, 62.5379, 62.9017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

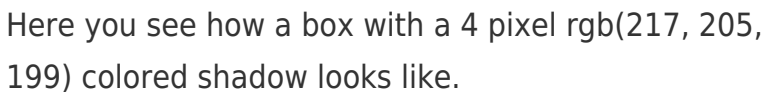
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 205, 199) }
```


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

```
.border{ border-color:rgb(217, 205, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 205, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 205, 199); box-shadow:4px 4px 4px 4px rgb(217, 205, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7554, 62.5379, 62.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 199) }
```

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

```
.background{ background-color: rgb(217,  
205, 199) }
```

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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