

Converting Colors

XYZ(60.2435, 64.8425, 63.7903)

Have a look what the booklet for
XYZ(60.2435, 64.8425, 63.7903)
contains.

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Color

**XYZ(60.2633, 64.8124,
63.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D4C8
RGB	209, 212, 200
RGB Percent	82%, 83%, 78%
CMY	0.1804, 0.1686, 0.2157
CMYK	0.01, 0.00, 0.06, 0.17
HSL	75°, 12%, 81%
HSV	75°, 6%, 83%
XYZ	60.2633, 64.8124, 63.9774
YIQ	209.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

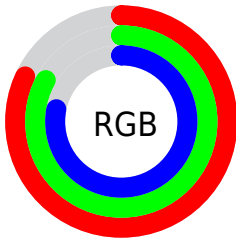
Format	Color
R_{YB}	200, 212, 203
Decimal	13751496
CIE _{Lab}	84.39, -3.16, 5.57
CIE _{LCh}	84, 6.400, 119.567
Yxy	64.8124, 0.3188, 0.3428
Android (android.graphics.Color)	4291941576 (0xFFD1D4C8)
YUV	209.7350, -4.7994, -0.6446
Hunter-Lab	80.5061, -7.2686, 9.2372

Details

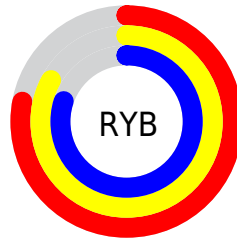
The XYZ color **60.2633, 64.8124, 63.9774** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1690, 58.7603, 70.6195**, and the grayscale version is **61.1158, 64.2986, 70.0212**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7628, 33.1578, 31.9729** is the 20% darker color. If you saturate the color by 10%, you get **56.4798, 63.1306, 51.7510**, and if you desaturate by 10%, it is **64.4440, 66.6631, 78.0185**.

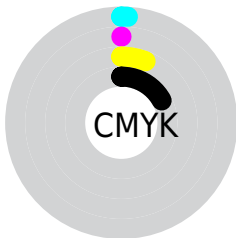
Distribution



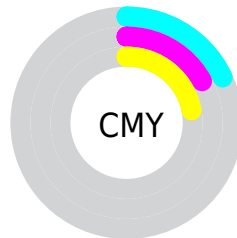
- Red (82%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2633, 64.8124, 63.9774 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 60.2633, 64.8124, 63.9774 by changing the saturation by 10% instead.

■ 60.2633, 64.8124,
63.9774

■ 60.2633, 64.8124,
63.9774

415.3868,
442.1175, 457.3132

■ 43.8812, 47.3090,
46.1863

104.3157,
111.7801, 112.1775

■ 30.7746, 33.2800,
32.0431

132.7167,
142.0132, 143.4237

■ 20.5783, 22.3410,
21.1294

165.8546,
177.2583, 179.9919

■ 12.9268, 14.1077,
13.0264

204.0950,
217.8997, 222.3007

■ 7.4548, 8.1956,
7.3158

247.8030,
264.3220, 270.7688

■ 3.7970, 4.2204,
3.5789

297.3441,

■ 1.5879, 1.7976,

316.9095, 325.8145

1.3973

353.0835,
376.0465, 387.8565

■ 0.3845, 0.4857,
0.1396

■ 0.0000, 0.0000,
0.0000

■ 60.2633, 64.8124,
63.9774

■ 60.2633, 64.8124,
63.9774

■ 56.4798, 63.1306,
51.7510

■ 64.4440, 66.6631,
78.0185

■ 53.0737, 61.6033,
41.2611

■ 69.0303, 68.6797,
93.9400

■ 50.0311, 60.2271,
32.4300

■ 72.6204, 70.3038,
104.3502

■ 47.3355, 58.9953,
25.1723

■ 74.2995, 71.1695,
104.4288

■ 44.9686, 57.9005,
19.3953

■ 76.0305, 72.0618,
104.5098

■ 42.9105, 56.9348,
14.9962

■ 77.8138, 72.9811,
104.5933

■ 41.1387, 56.0890,
11.8596

■ 79.6498, 73.9276,
104.6792

■ 39.6272, 55.3526,
9.8506

■ 81.5390, 74.9015,
104.7676

■ 38.3439, 54.7129,
8.8038

■ 82.8348, 75.5695,
104.8283

Harmonies

Analogous

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



61.6229, 64.8124, 63.0275



60.2633, 64.8124, 63.9774



59.2754, 64.8124, 66.6782

Triad

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



60.2633, 64.8124, 63.9774



60.2280, 64.8124, 77.5369



64.3762, 64.8124, 70.6289

Complementary

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



60.2633, 64.8124, 63.9774



57.1690, 58.7603, 70.6195

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.



63.9892, 64.8124, 74.6097



60.2633, 64.8124, 63.9774



61.5816, 64.8124, 78.6908

Square

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



60.2633, 64.8124, 63.9774



59.2552, 64.8124, 74.5033



62.9609, 64.8124, 77.5999



64.0104, 64.8124, 66.7770

Rectangle

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



60.2633, 64.8124, 63.9774



58.9529, 64.8124, 69.1615



62.9609, 64.8124, 77.5999



64.3298, 64.8124, 71.9969

Sweetspot

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



60.2651, 64.8152, 63.9788



93.7716, 99.4346, 104.6108



58.9349, 60.8810, 63.2895



20.0844, 21.2890, 22.4359



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.



60.2651, 64.8152, 63.9788



90.6836, 98.0658, 94.3848



58.5995, 63.9566, 63.9009



13.3185, 14.4288, 13.7705



23.4509, 33.6657, 5.2621



1.4880, 2.0685, 0.3208

Inverse Universe

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



57.1690, 58.7603, 70.6195



84.8643, 86.6848, 106.8668



58.8346, 59.6189, 70.6974



12.4074, 12.6469, 15.7247



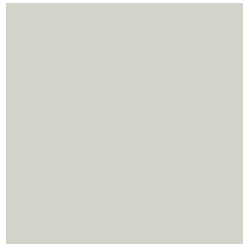
8.3224, 3.4429, 38.6791



0.5785, 0.2471, 2.3365

Previews

White Background



This preview shows how the XYZ color 60.2633, 64.8124, 63.9774 looks on a white background.

Color Contrast Check

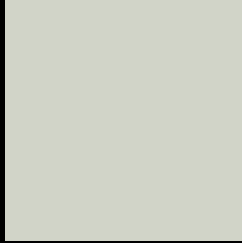
Large Text (above 18pt) WCAG AA × Fail

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 60.2633, 64.8124, 63.9774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

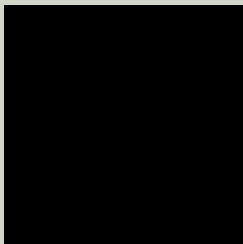
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

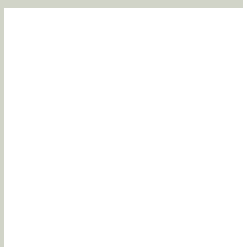
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2633, 64.8124, 63.9774

Background



This preview shows how black text looks on a background with the XYZ color 60.2633, 64.8124, 63.9774.



This preview shows how white text looks on a background with the XYZ color 60.2633, 64.8124,

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

60.2633, 64.8124, 63.9774

Protanopia

61.9707, 64.9684, 63.3068

Deuteranopia

65.9483, 64.4686, 64.8449



Tritanopia

63.5871, 64.6941, 80.3700

Trichromacy



Original Color

60.2633, 64.8124, 63.9774

Protanomaly

61.3346, 65.0082, 63.3480

Deuteranomaly

63.6653, 64.3672, 64.3269

Tritanomaly

62.3465, 64.5558, 74.1403

Monochromacy



Original Color

60.2633, 64.8124, 63.9774

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0132, 64.7464, 67.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2633, 64.8124, 63.9774 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(209, 212, 200) looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 200)  
}
```

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(209, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 200) }
```

Border

The CSS property to change the border of an element to XYZ 60.2633, 64.8124, 63.9774 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(209, 212, 200) }
```


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

```
.border{ border-color:rgb(209, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2633, 64.8124, 63.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 200) }
```

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

```
.background{ background-color: rgb(209,  
212, 200) }
```

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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