

Converting Colors

XYZ(60.4652, 61.5487, 60.4287)

Have a look what the booklet for
XYZ(60.4652, 61.5487, 60.4287)
contains.

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Color

**XYZ(60.1843, 61.2413,
60.2785)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCAC3
RGB	219, 202, 195
RGB Percent	86%, 79%, 76%
CMY	0.1412, 0.2078, 0.2353
CMYK	0.00, 0.08, 0.11, 0.14
HSL	18°, 25%, 81%
HSV	18°, 11%, 86%
XYZ	60.1843, 61.2413, 60.2785
YIQ	206.2850, 12.3790, 1.4270

Conversions

Conversions Part 2

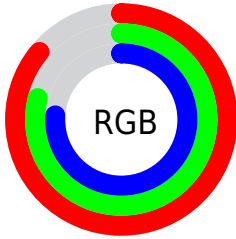
Format	Color
R _Y B	219, 205, 195
Decimal	14404291
CIE Lab	82.51, 4.75, 5.62
CIE LCh	83, 7.360, 49.784
Yxy	61.2413, 0.3312, 0.3370
Android (android.graphics.Color)	4292594371 (0xFFDBCAC3)
YUV	206.2850, -5.5635, 11.1511
Hunter-Lab	78.2568, 0.3280, 9.1108

Details

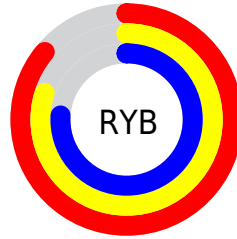
The XYZ color **60.1843, 61.2413, 60.2785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8351, 63.8023, 76.2326**, and the grayscale version is **58.8792, 61.9455, 67.4587**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **30.7075, 30.9954, 29.5636** is the 20% darker color. If you saturate the color by 10%, you get **54.4300, 53.4087, 47.0268**, and if you desaturate by 10%, it is **66.6709, 69.9561, 75.5675**.

Distribution



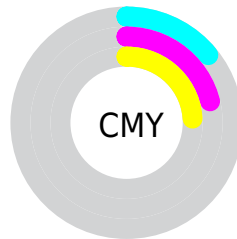
- Red (86%)
- Green (79%)
- Blue (76%)



- Red (86%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1843, 61.2413, 60.2785 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 60.1843, 61.2413, 60.2785 by changing the saturation by 10% instead.

60.1843, 61.2413,
60.2785

60.1843, 61.2413,
60.2785

415.1006,
429.1582, 443.4567

43.8172, 44.4199,
43.2164

104.2018,
106.6282, 106.7809

30.7241, 31.0008,
29.7223

132.5829,
135.9626, 137.0582

20.5397, 20.5994,
19.3776

165.6995,
170.2368, 172.5778

12.8985, 12.8315,
11.7639

203.9168,
209.8351, 213.7580

7.4352, 7.3126,
6.4625

247.6002,
255.1420, 261.0174

3.7845, 3.6584,
3.0550

297.1150,

1.5809, 1.4844,

306.5419, 314.7747

1.1228

352.8267,
364.4192, 375.4482

■ 0.3799, 0.2777,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1843, 61.2413,
60.2785

■ 60.1843, 61.2413,
60.2785

■ 54.4300, 53.4087,
47.0268

■ 66.6709, 69.9561,
75.5675

■ 49.3766, 46.4223,
35.7219

■ 73.9099, 79.5714,
92.9712

■ 44.9974, 40.2556,
26.2725

■ 80.9949, 89.7427,
107.6609

■ 41.2624, 34.8776,
18.5781

■ 83.0237, 93.8002,
108.3372

■ 38.1389, 30.2552,
12.5288

■ 35.5913, 26.3529,
8.0019

■ 33.5796, 23.1320,
4.8576

■ 32.0579, 20.5495,
2.9294

■ 31.0421, 18.7171,
1.9767

Harmonies

Analogous

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



61.1029, 61.2413, 63.7901



60.1843, 61.2413, 60.2785



58.7465, 61.2413, 58.5088

Triad

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



60.1843, 61.2413, 60.2785



55.2797, 61.2413, 65.1557



59.2386, 61.2413, 75.1754

Complementary

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



60.1843, 61.2413, 60.2785



58.8351, 63.8023, 76.2326

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.



57.6728, 61.2413, 75.5815



60.1843, 61.2413, 60.2785



55.4061, 61.2413, 69.6587

Square

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



60.1843, 61.2413, 60.2785



55.9271, 61.2413, 61.2395



56.2755, 61.2413, 73.5223



60.5501, 61.2413, 72.4365

Rectangle

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



60.1843, 61.2413, 60.2785



57.6952, 61.2413, 58.4985



56.2755, 61.2413, 73.5223



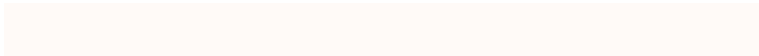
58.7239, 61.2413, 75.5939

Sweetspot

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



60.1860, 61.2440, 60.2798



92.1386, 96.1091, 101.9738



60.6382, 58.8547, 70.5846



19.5584, 20.3529, 21.4402



0.0000, 0.0000, 0.0000



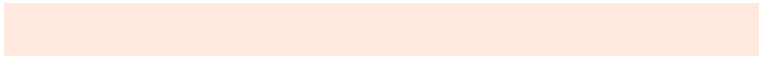
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1860, 61.2440, 60.2798



83.1276, 83.9717, 80.8287



63.0604, 66.9929, 61.2380



13.3641, 13.6676, 13.6593



18.4888, 11.2631, 1.1995



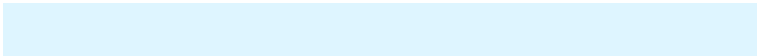
1.2712, 0.8766, 0.1022

Inverse Universe

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



58.8351, 63.8023, 76.2326



80.8793, 88.2280, 107.3747



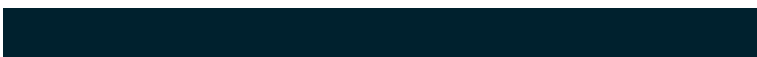
55.9933, 58.1187, 75.2853



13.1072, 14.1542, 16.6933



14.6393, 17.1480, 42.2767



1.0214, 1.2569, 2.7632

Previews

White Background



This preview shows how the XYZ color 60.1843, 61.2413, 60.2785 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 60.1843, 61.2413, 60.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

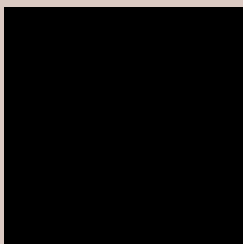
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

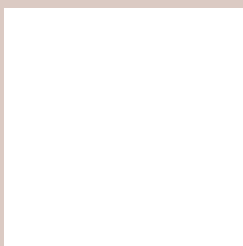
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1843, 61.2413, 60.2785

Background



This preview shows how black text looks on a background with the XYZ color 60.1843, 61.2413, 60.2785.



This preview shows how white text looks on a background with the XYZ color 60.1843, 61.2413,

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

60.1843, 61.2413, 60.2785

Protanopia

58.6591, 61.4970, 61.0030

Deuteranopia

62.4710, 61.0317, 60.7123



Tritanopia

62.8134, 61.2827, 72.8081

Trichromacy



Original Color

60.1843, 61.2413, 60.2785

Protanomaly

59.2882, 61.4674, 60.9641

Deuteranomaly

61.4386, 60.8399, 60.7297

Tritanomaly

61.8582, 61.2348, 68.2337

Monochromacy



Original Color

60.1843, 61.2413, 60.2785

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.3560, 61.7758, 64.6726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1843, 61.2413, 60.2785 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(219, 202, 195) looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 195)  
}
```

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(219, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 195) }
```

Border

The CSS property to change the border of an element to XYZ 60.1843, 61.2413, 60.2785 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(219, 202, 195) }
```


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

```
.border{ border-color:rgb(219, 202, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1843, 61.2413, 60.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 195) }
```

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

```
.background{ background-color: rgb(219,  
202, 195) }
```

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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