

Converting Colors

XYZ(60.2048, 64.7977, 61.6175)

Have a look what the booklet for
XYZ(60.2048, 64.7977, 61.6175)
contains.

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Color

**XYZ(60.0856, 64.7741,
61.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D4C4
RGB	210, 212, 196
RGB Percent	82%, 83%, 77%
CMY	0.1765, 0.1686, 0.2314
CMYK	0.01, 0.00, 0.08, 0.17
HSL	68°, 16%, 80%
HSV	68°, 8%, 83%
XYZ	60.0856, 64.7741, 61.5604
YIQ	209.5780, 3.9440, -5.4000

Conversions

Conversions Part 2

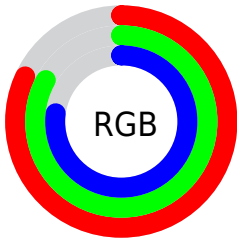
Format	Color
R _Y B	196, 212, 198
Decimal	13817028
CIE Lab	84.37, -3.50, 7.67
CIE LCh	84, 8.428, 114.502
Yxy	64.7741, 0.3223, 0.3475
Android (android.graphics.Color)	4292007108 (0xFFD2D4C4)
YUV	209.5780, -6.6940, 0.3701
Hunter-Lab	80.4824, -7.5816, 10.9871

Details

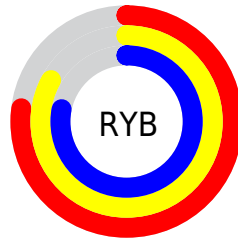
The XYZ color **60.0856, 64.7741, 61.5604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9149, 56.2409, 70.2520**, and the grayscale version is **61.0241, 64.2021, 69.9161**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **30.6498, 33.1349, 30.3714** is the 20% darker color. If you saturate the color by 10%, you get **57.0920, 63.4922, 49.7013**, and if you desaturate by 10%, it is **63.4364, 66.2046, 75.2189**.

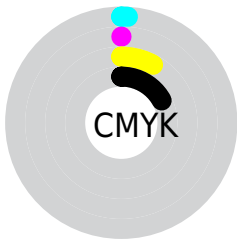
Distribution



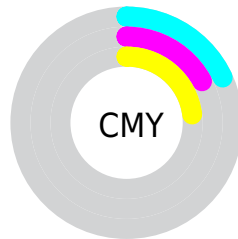
- Red (82%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0856, 64.7741, 61.5604 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 60.0856, 64.7741, 61.5604 by changing the saturation by 10% instead.

■ 60.0856, 64.7741,
61.5604

■ 60.0856, 64.7741,
61.5604

414.7429,
441.9797, 448.2891

■ 43.7374, 47.2779,
44.2441

104.0595,
111.7250, 108.6554

■ 30.6611, 33.2554,
30.5238

132.4158,
141.9486, 139.2711

■ 20.4915, 22.3222,
19.9811

165.5056,
177.1833, 175.1570

■ 12.8631, 14.0938,
12.1974

203.6941,
217.8138, 216.7318

■ 7.4107, 8.1860,
6.7541

247.3467,
264.2242, 264.4138

■ 3.7689, 4.2142,
3.2327

296.8288,

■ 1.5722, 1.7941,

316.7991, 318.6216

1.2146

352.5058,
375.9228, 379.7739

■ 0.3742, 0.4835,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0856, 64.7741,
61.5604

■ 60.0856, 64.7741,
61.5604

■ 57.0920, 63.4922,
49.7013

■ 63.4364, 66.2046,
75.2189

■ 54.4359, 62.3446,
39.5624

■ 67.1524, 67.7805,
90.7431

■ 52.1039, 61.3280,
31.0650

■ 70.4981, 69.2097,
104.2509

■ 50.0794, 60.4359,
24.1225

■ 71.2983, 69.6223,
104.2884

■ 48.3444, 59.6610,
18.6404

■ 72.1113, 70.0414,
104.3264

■ 46.8790, 58.9954,
14.5140

■ 72.9372, 70.4672,
104.3651

■ 45.6606, 58.4300,
11.6246

■ 73.7760, 70.8995,
104.4043

■ 44.6627, 57.9542,
9.8330

■ 74.6277, 71.3386,
104.4442

■ 43.8486, 57.5533,
8.9471

■ 75.4924, 71.7844,
104.4846

Harmonies

Analogous

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



61.9112, 64.7741, 60.7596



60.0856, 64.7741, 61.5604



58.6826, 64.7741, 64.7117

Triad

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



60.0856, 64.7741, 61.5604



59.5000, 64.7741, 79.2547



65.2174, 64.7741, 71.5199

Complementary

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



60.0856, 64.7741, 61.5604



54.9149, 56.2409, 70.2520

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.



64.5420, 64.7741, 76.6827



60.0856, 64.7741, 61.5604



61.2217, 64.7741, 81.2909

Square

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



60.0856, 64.7741, 61.5604



58.3494, 64.7741, 74.8886



63.0702, 64.7741, 80.3267



64.8984, 64.7741, 66.3400

Rectangle

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



60.0856, 64.7741, 61.5604



58.1631, 64.7741, 67.8101



63.0702, 64.7741, 80.3267



65.0987, 64.7741, 73.3175

Sweetspot

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



60.0874, 64.7769, 61.5618



94.0050, 99.5549, 104.6217



57.2809, 58.3116, 60.4618



20.1319, 21.3135, 22.4381



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.



60.0874, 64.7769, 61.5618



90.5231, 98.0680, 90.5391



57.9028, 63.6507, 61.4596



13.3127, 14.4374, 13.2458



27.0120, 35.5015, 5.4288



1.6731, 2.1639, 0.3295

Inverse Universe

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



54.9149, 56.2409, 70.2520



81.1566, 82.6106, 106.2758



57.0423, 57.3376, 70.3516



11.8857, 12.0825, 15.6432



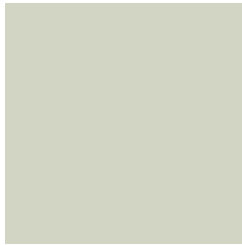
7.6541, 3.0983, 38.6478



0.5105, 0.2120, 2.3333

Previews

White Background



This preview shows how the XYZ color 60.0856, 64.7741, 61.5604 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 60.0856, 64.7741, 61.5604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

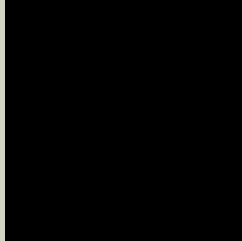
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

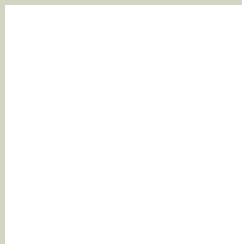
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0856, 64.7741, 61.5604

Background



This preview shows how black text looks on a background with the XYZ color 60.0856, 64.7741, 61.5604.



This preview shows how white text looks on a background with the XYZ color 60.0856, 64.7741,

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

60.0856, 64.7741, 61.5604

Protanopia

61.8104, 64.9387, 60.9064

Deuteranopia

65.8099, 64.4513, 62.3979



Tritanopia

63.7420, 64.7897, 79.6671

Trichromacy



Original Color

60.0856, 64.7741, 61.5604

Protanomaly

61.1689, 64.9757, 60.9474

Deuteranomaly

63.5134, 64.3426, 61.8952

Tritanomaly

62.3786, 64.6021, 72.8001

Monochromacy



Original Color

60.0856, 64.7741, 61.5604

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8921, 64.6979, 67.0362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0856, 64.7741, 61.5604 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(210, 212, 196) looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 196)  
}
```

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(210, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.0856, 64.7741, 61.5604 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(210, 212, 196) }
```


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

```
.border{ border-color:rgb(210, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0856, 64.7741, 61.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 196) }
```

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

```
.background{ background-color: rgb(210,  
212, 196) }
```

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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