

Converting Colors

XYZ(66.3758, 71.2313, 61.7921)

Have a look what the booklet for
XYZ(66.3758, 71.2313, 61.7921)
contains.

XYZ(66.1840, 70.9738, 61.8408)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.1840, 70.9738,
61.8408)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCC3
RGB	224, 220, 195
RGB Percent	88%, 86%, 76%
CMY	0.1216, 0.1372, 0.2353
CMYK	0.00, 0.02, 0.13, 0.12
HSL	52°, 32%, 82%
HSV	52°, 13%, 88%
XYZ	66.1840, 70.9738, 61.8408
YIQ	218.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

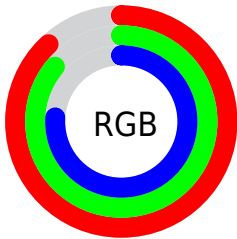
Format	Color
RYB	200, 224, 195
Decimal	14736579
CIELab	87.47, -2.83, 12.77
CIELCh	87, 13.081, 102.479
Yxy	70.9738, 0.3326, 0.3567
Android (android.graphics.Color)	4292926659 (0xFFE0DCC3)
YUV	218.3460, -11.5096, 4.9586
Hunter-Lab	84.2459, -7.2000, 15.4503

Details

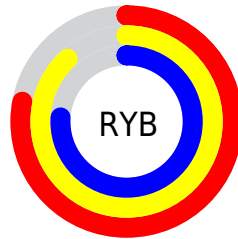
The XYZ color **66.1840, 70.9738, 61.8408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3836, 57.8297, 78.7122**, and the grayscale version is **66.9529, 70.4397, 76.7088**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **34.6250, 37.2684, 30.5679** is the 20% darker color. If you saturate the color by 10%, you get **63.0371, 68.4333, 49.2199**, and if you desaturate by 10%, it is **69.7297, 73.7025, 76.4708**.

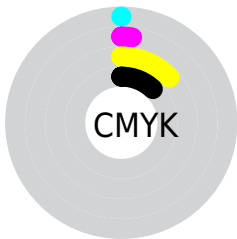
Distribution



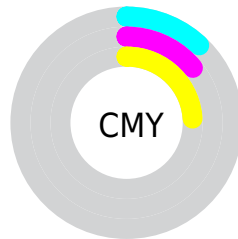
- Red (88%)
- Green (86%)
- Blue (76%)



- Red (78%)
- Yellow (88%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1840, 70.9738, 61.8408 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 66.1840, 70.9738, 61.8408 by changing the saturation by 10% instead.

■ 66.1840, 70.9738,
61.8408

■ 66.1840, 70.9738,
61.8408

436.5129,
463.9618, 449.3418

■ 48.6900, 52.3208,
44.4691

112.8066,
120.5964, 109.0648

■ 34.5872, 37.2609,
30.6996

142.6660,
152.3348, 139.7541

■ 23.5101, 25.4095,
20.1136

177.3780,
189.2039, 175.7198

■ 15.0934, 16.3824,
12.2928

217.3078,
231.5879, 217.3803

■ 8.9717, 9.7952,
6.8184

262.8208,
279.8713, 265.1543

■ 4.7797, 5.2634,
3.2721

314.2825,

■ 2.1520, 2.4026,

334.4385, 319.4601

1.2352

372.0580,
395.6739, 380.7164

■ 0.7173, 0.8272,
0.0078

■ 0.0000, 0.0000,
0.0000

■ 66.1840, 70.9738,
61.8408

■ 66.1840, 70.9738,
61.8408

■ 63.0371, 68.4333,
49.2199

■ 69.7297, 73.7025,
76.4708

■ 60.2663, 66.0646,
38.5147

■ 73.6843, 76.6165,
93.1887

■ 57.8554, 63.8635,
29.6312

■ 76.8832, 79.2524,
105.8528

■ 55.7844, 61.8220,
22.4657

■ 77.7461, 80.9782,
106.1404

■ 54.0318, 59.9312,
16.9040

■ 78.6243, 82.7345,
106.4331

■ 52.5730, 58.1813,
12.8180

■ 79.5178, 84.5215,
106.7310

■ 51.3799, 56.5608,
10.0601

■ 80.4267, 86.3393,
107.0340

■ 50.4187, 55.0560,
8.4520

■ 81.3511, 88.1881,
107.3421

■ 49.8414, 54.0486,
7.8055

■ 82.2911, 90.0681,
107.6554

Harmonies

Analogous

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



69.2612, 70.9738, 62.1750



66.1840, 70.9738, 61.8408



63.5289, 70.9738, 65.4069

Triad

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



66.1840, 70.9738, 61.8408



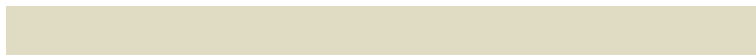
63.1748, 70.9738, 89.3361



73.2785, 70.9738, 82.5099

Complementary

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



66.1840, 70.9738, 61.8408



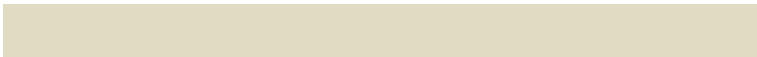
56.3836, 57.8297, 78.7122

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.



71.5468, 70.9738, 90.5059



66.1840, 70.9738, 61.8408



65.6873, 70.9738, 94.6487

Square

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



66.1840, 70.9738, 61.8408



61.8275, 70.9738, 81.0101



68.7492, 70.9738, 95.0925



73.4214, 70.9738, 73.6631

Rectangle

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



66.1840, 70.9738, 61.8408



62.3303, 70.9738, 69.6867



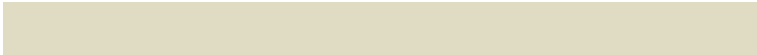
68.7492, 70.9738, 95.0925



72.8605, 70.9738, 85.4024

Sweetspot

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



66.1859, 70.9769, 61.8423



93.0042, 98.4670, 100.3304



60.6059, 59.0183, 62.4445



19.8265, 21.0153, 21.1408



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.



66.1859, 70.9769, 61.8423



87.3960, 94.1110, 77.3113



64.1946, 71.5258, 62.0532



14.7023, 15.6906, 14.5605



29.0741, 31.5861, 4.5644



2.0603, 2.2794, 0.3314

Inverse Universe

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



56.3836, 57.8297, 78.7122



71.3863, 72.6389, 104.8660



58.1888, 57.4135, 78.5367



13.1036, 13.5463, 17.3117



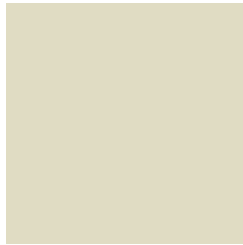
8.1632, 3.7959, 41.3508



0.6153, 0.3620, 2.8827

Previews

White Background



This preview shows how the XYZ color 66.1840, 70.9738, 61.8408 looks on a white background.

Color Contrast Check

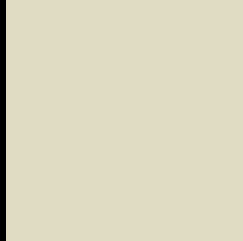
Large Text (above 18pt) WCAG AA × Fail

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 66.1840, 70.9738, 61.8408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

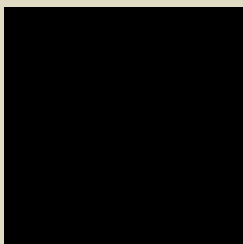
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

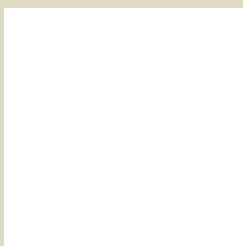
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1840, 70.9738, 61.8408

Background



This preview shows how black text looks on a background with the XYZ color 66.1840, 70.9738, 61.8408.

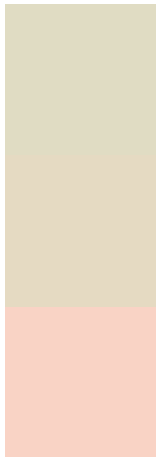


This preview shows how white text looks on a background with the XYZ color 66.1840, 70.9738,

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

66.1840, 70.9738, 61.8408

Protanopia

67.1221, 70.6959, 61.1469

Deuteranopia

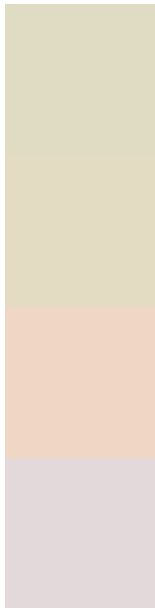
72.4392, 70.7595, 62.6633



Tritanopia

71.1790, 71.0851, 86.3132

Trichromacy



Original Color

66.1840, 70.9738, 61.8408

Protanomaly

66.7477, 70.8890, 61.2039

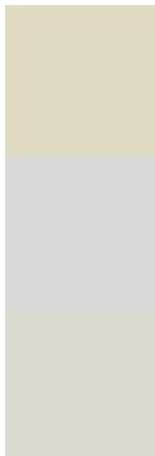
Deuteranomaly

69.9456, 70.6039, 62.1659

Tritanomaly

69.2776, 71.0711, 77.0846

Monochromacy



Original Color

66.1840, 70.9738, 61.8408

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4796, 70.5318, 71.0829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1840, 70.9738, 61.8408 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(224, 220, 195) looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 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(224, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 195) }
```

Border

The CSS property to change the border of an element to XYZ 66.1840, 70.9738, 61.8408 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(224, 220, 195) }
```


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

```
.border{ border-color:rgb(224, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1840, 70.9738, 61.8408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 195) }
```

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

```
.background{ background-color: rgb(224,  
220, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor