

Converting Colors

XYZ(66.9843, 65.9688, 62.2004)

Have a look what the booklet for
XYZ(66.9843, 65.9688, 62.2004)
contains.

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Color

**XYZ(67.0744, 66.1784,
62.0618)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCEC5
RGB	237, 206, 197
RGB Percent	93%, 81%, 77%
CMY	0.0706, 0.1921, 0.2274
CMYK	0.00, 0.13, 0.17, 0.07
HSL	14°, 53%, 85%
HSV	14°, 17%, 93%
XYZ	67.0744, 66.1784, 62.0618
YIQ	214.2430, 21.3650, 3.7730

Conversions

Conversions Part 2

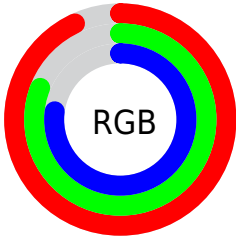
Format	Color
R _Y B	237, 209, 197
Decimal	15584965
CIE Lab	85.09, 9.43, 8.46
CIE LCh	85, 12.672, 41.901
Yxy	66.1784, 0.3434, 0.3388
Android (android.graphics.Color)	4293775045 (0xFFEDCEC5)
YUV	214.2430, -8.5008, 19.9579
Hunter-Lab	81.3501, 4.8133, 11.7129

Details

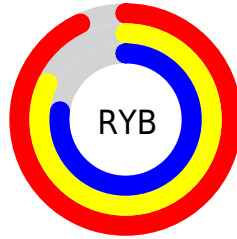
The XYZ color **67.0744, 66.1784, 62.0618** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0549, 73.4697, 90.8209**, and the grayscale version is **64.1270, 67.4666, 73.4712**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **35.2422, 34.2634, 30.7426** is the 20% darker color. If you saturate the color by 10%, you get **60.4039, 56.8467, 47.4771**, and if you desaturate by 10%, it is **74.6921, 76.7200, 79.0701**.

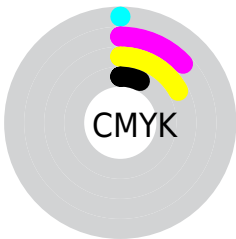
Distribution



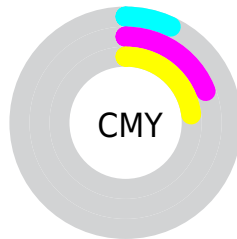
- Red (93%)
- Green (81%)
- Blue (77%)



- Red (93%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0744, 66.1784, 62.0618 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 67.0744, 66.1784, 62.0618 by changing the saturation by 10% instead.

67.0744, 66.1784,
62.0618

67.0744, 66.1784,
62.0618

439.6379,
447.0146, 450.1704

49.4160, 48.4172,
44.6465

114.0762,
113.7423, 109.3873

35.1655, 34.1574,
30.8382

144.1504,
144.3139, 140.1346

23.9575, 23.0146,
20.2182

179.0938,
179.9244, 176.1630

15.4267, 14.6043,
12.3681

219.2719,
220.9582, 217.8911

9.2076, 8.5421,
6.8693

265.0500,
267.7998, 265.7373

4.9351, 4.4438,
3.3033

316.7934,

2.2436, 1.9248,

320.8334, 320.1202

1.2515

374.8676,
380.4436, 381.4584

■ 0.7656, 0.5632,
0.0216

■ 0.0000, 0.0000,
0.0000

■ 67.0744, 66.1784,
62.0618

■ 67.0744, 66.1784,
62.0618

■ 60.4039, 56.8467,
47.4771

■ 74.6921, 76.7200,
79.0701

■ 54.6376, 48.6727,
35.2012

■ 83.2870, 88.5037,
98.6012

■ 49.7372, 41.6132,
25.1160

■ 88.7353, 96.7446,
108.6045

■ 45.6591, 35.6191,
17.0914

■ 42.3563, 30.6376,
10.9835

■ 39.7763, 26.6109,
6.6295

■ 37.8595, 23.4753,
3.8391

■ 36.5343, 21.1578,
2.3708

■ 36.2145, 20.5831,
2.0642

Harmonies

Analogous

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



68.4249, 66.1784, 68.8642



67.0744, 66.1784, 62.0618



64.6210, 66.1784, 58.1261

Triad

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



67.0744, 66.1784, 62.0618



57.8270, 66.1784, 67.2837



64.0391, 66.1784, 88.5566

Complementary

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



67.0744, 66.1784, 62.0618



66.0549, 73.4697, 90.8209

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.



61.2110, 66.1784, 88.0529



67.0744, 66.1784, 62.0618



57.6819, 66.1784, 75.3470

Square

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



67.0744, 66.1784, 62.0618



59.3062, 66.1784, 60.9802



58.9036, 66.1784, 83.0716



66.6374, 66.1784, 84.4000

Rectangle

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



67.0744, 66.1784, 62.0618



62.7187, 66.1784, 57.4622



58.9036, 66.1784, 83.0716



63.0828, 66.1784, 88.9348

Sweetspot

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



67.0762, 66.1814, 62.0632



89.9934, 93.0634, 97.4213



68.9419, 63.5578, 82.2765



19.1152, 19.7172, 20.5199



0.0000, 0.0000, 0.0000



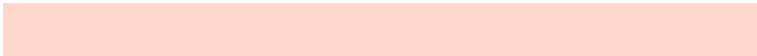
20.3446, 21.4041, 23.3091

Same Dimension

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



67.0762, 66.1814, 62.0632



76.5622, 74.4658, 67.4648



72.1095, 76.2480, 63.7410



15.3405, 15.6040, 15.7221



19.8523, 11.3989, 1.1539



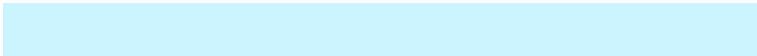
1.6294, 1.0362, 0.1141

Inverse Universe

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



66.0549, 73.4697, 90.8209



75.1580, 84.4697, 106.9508



60.9500, 63.2601, 89.1193



15.2134, 16.5132, 19.3078



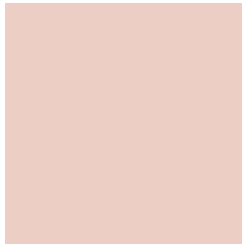
17.7666, 22.1801, 47.0878



1.4655, 1.8825, 3.7210

Previews

White Background



This preview shows how the XYZ color 67.0744, 66.1784, 62.0618 looks on a white background.

Color Contrast Check

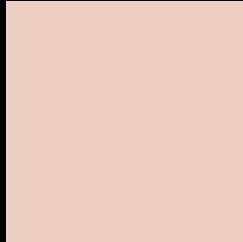
Large Text (above 18pt) WCAG AA × Fail

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 67.0744, 66.1784, 62.0618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

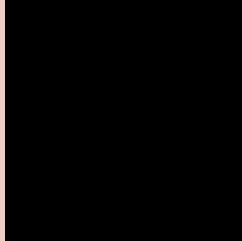
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0744, 66.1784, 62.0618

Background



This preview shows how black text looks on a background with the XYZ color 67.0744, 66.1784, 62.0618.

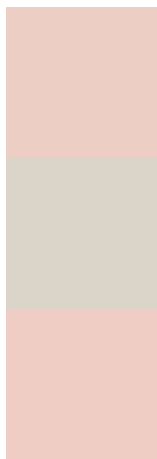


This preview shows how white text looks on a background with the XYZ color 67.0744, 66.1784,

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

67.0744, 66.1784, 62.0618

Protanopia

63.1822, 66.3172, 64.1140

Deuteranopia

67.5060, 66.0446, 62.0133



Tritanopia

70.0773, 66.3516, 76.1315

Trichromacy



Original Color

67.0744, 66.1784, 62.0618

Protanomaly

64.7194, 66.3855, 63.4354

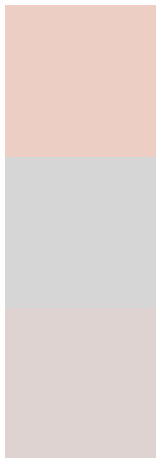
Deuteranomaly

67.1693, 65.8710, 61.9975

Tritanomaly

68.9473, 66.2396, 70.7796

Monochromacy



Original Color

67.0744, 66.1784, 62.0618

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8036, 66.6722, 69.1280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0744, 66.1784, 62.0618 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(237, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 197)  
}
```

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(237, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 197) }
```

Border

The CSS property to change the border of an element to XYZ 67.0744, 66.1784, 62.0618 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(237, 206, 197) }
```


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

```
.border{ border-color:rgb(237, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(237, 206,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0744, 66.1784, 62.0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 197) }
```

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

```
.background{ background-color: rgb(237,  
206, 197) }
```

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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