

Converting Colors

XYZ(64.7315, 65.4674, 60.3874)

Have a look what the booklet for
XYZ(64.7315, 65.4674, 60.3874)
contains.

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Color

**XYZ(64.6836, 65.3437,
60.2423)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6CFC2 |
| RGB | 230, 207, 194 |
| RGB Percent | 90%, 81%, 76% |
| CMY | 0.0980, 0.1882, 0.2392 |
| CMYK | 0.00, 0.10, 0.16, 0.10 |
| HSL | 22°, 42%, 83% |
| HSV | 22°, 16%, 90% |
| XYZ | 64.6836, 65.3437, 60.2423 |
| YIQ | 212.3950, 17.8810, 0.8330 |

Conversions

Conversions Part 2

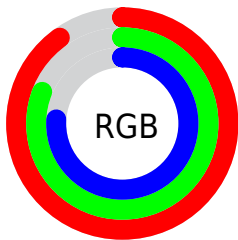
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 214, 194 |
| Decimal | 15126466 |
| CIE Lab | 84.66, 5.92, 9.36 |
| CIE LCh | 85, 11.077, 57.705 |
| Yxy | 65.3437, 0.3400, 0.3434 |
| Android (android.graphics.Color) | 4293316546 (0xFFE6CFC2) |
| YUV | 212.3950, -9.0687, 15.4396 |
| Hunter-Lab | 80.8355, 1.3716, 12.3992 |

Details

The XYZ color **64.6836, 65.3437, 60.2423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3436, 66.8068, 84.5255**, and the grayscale version is **62.8938, 66.1692, 72.0582**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **33.5804, 33.6746, 29.5409** is the 20% darker color. If you saturate the color by 10%, you get **58.9029, 57.6007, 46.5423**, and if you desaturate by 10%, it is **71.1990, 73.9149, 76.1611**.

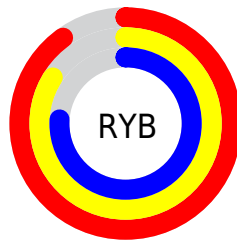
Distribution



Red (90%)

Green (81%)

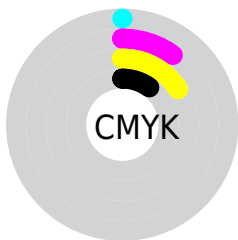
Blue (76%)



Red (90%)

Yellow (84%)

Blue (76%)

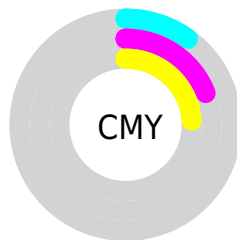


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (10%)



Cyan (10%)


Magenta (19%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6836, 65.3437, 60.2423 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 64.6836, 65.3437, 60.2423 by changing the saturation by 10% instead.


 64.6836, 65.3437,
60.2423

 64.6836, 65.3437,
60.2423


431.2173,
444.0260, 443.3197

 47.4683, 47.7398,
43.1874


 110.6631,
112.5438, 106.7279

 33.6155, 33.6209,
29.6997


140.1580,
142.9089, 136.9956

 22.7599, 22.6025,
19.3606


174.4768,
178.2965, 172.5048

 14.5360, 14.3003,
11.7517

213.9850,
219.0910, 213.6738

 8.5786, 8.3298,
6.4544

259.0477,
265.6768, 260.9213

 4.5222, 4.3067,
3.0501

310.0304,

 2.0016, 1.8466,

318.4383, 314.6657

1.1203

367.2985,
377.7599, 375.3257

■ 0.6349, 0.5159,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.6836, 65.3437,
60.2423

■ 64.6836, 65.3437,
60.2423

■ 58.9029, 57.6007,
46.5423

■ 71.1990, 73.9149,
76.1611

■ 53.8241, 50.6519,
34.9575

■ 78.4695, 83.3297,
94.3878

■ 49.4200, 44.4735,
25.3820

■ 85.2059, 93.0880,
108.0847

■ 45.6591, 39.0372,
17.6991

■ 86.4434, 95.5632,
108.4972

■ 42.5073, 34.3129,
11.7800

■ 39.9269, 30.2679,
7.4794

■ 37.8747, 26.8665,
4.6284

■ 36.3000, 24.0686,
3.0197

■ 35.7331, 23.0224,
2.5604

Harmonies

Analogous

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



66.4147, 65.3437, 65.0005



64.6836, 65.3437, 60.2423



62.2979, 65.3437, 58.3853

Triad

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



64.6836, 65.3437, 60.2423



57.4743, 65.3437, 70.6040



64.3452, 65.3437, 83.9043

Complementary

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



64.6836, 65.3437, 60.2423



61.3436, 66.8068, 84.5255

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.



61.9169, 65.3437, 85.6474



64.6836, 65.3437, 60.2423



57.9901, 65.3437, 77.6718

Square

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



64.6836, 65.3437, 60.2423



58.1723, 65.3437, 64.1148



59.6002, 65.3437, 83.2967



66.2157, 65.3437, 78.6780

Rectangle

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



64.6836, 65.3437, 60.2423



60.6718, 65.3437, 58.9431



59.6002, 65.3437, 83.2967



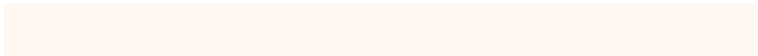
63.5651, 65.3437, 84.9316

Sweetspot

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



64.6854, 65.3466, 60.2437



90.5212, 94.1191, 97.5972



64.5022, 60.4380, 74.1856



19.2432, 19.9731, 20.5626



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.



64.6854, 65.3466, 60.2437



79.1171, 79.0821, 69.8379



69.1887, 74.3532, 61.7448



14.8010, 15.2159, 15.0613



20.3356, 13.2454, 1.4848



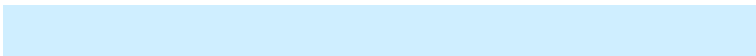
1.5885, 1.1503, 0.1383

Inverse Universe

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



61.3436, 66.8068, 84.5255



74.0853, 81.2780, 106.3913



57.0475, 58.2146, 83.0934



14.3467, 15.4147, 18.3635



14.1058, 15.2737, 44.5878



1.1297, 1.3034, 3.3240

Previews

White Background



This preview shows how the XYZ color 64.6836, 65.3437, 60.2423 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 64.6836, 65.3437, 60.2423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

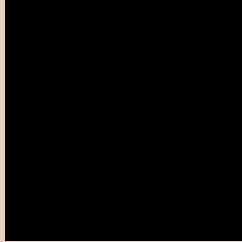
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6836, 65.3437, 60.2423

Background



This preview shows how black text looks on a background with the XYZ color 64.6836, 65.3437, 60.2423.

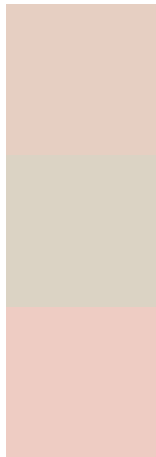


This preview shows how white text looks on a background with the XYZ color 64.6836, 65.3437,

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

64.6836, 65.3437, 60.2423

Protanopia

62.4715, 65.6341, 61.6006

Deuteranopia

66.7031, 65.3030, 60.7189



Tritanopia

67.7464, 65.1500, 76.0224

Trichromacy



Original Color

64.6836, 65.3437, 60.2423

Protanomaly

63.3283, 65.7213, 60.9775

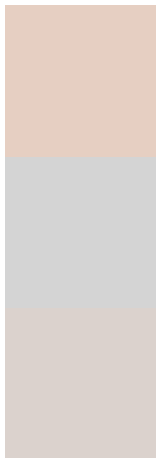
Deuteranomaly

65.9426, 65.2649, 60.7516

Tritanomaly

66.5044, 64.9947, 70.0128

Monochromacy



Original Color

64.6836, 65.3437, 60.2423

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2795, 65.5610, 67.0770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6836, 65.3437, 60.2423 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(230, 207, 194) looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 194)  
}
```

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(230, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 194) }
```

Border

The CSS property to change the border of an element to XYZ 64.6836, 65.3437, 60.2423 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(230, 207, 194) }
```


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

```
.border{ border-color:rgb(230, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6836, 65.3437, 60.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 194) }
```

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

```
.background{ background-color: rgb(230,  
207, 194) }
```

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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