

Converting Colors

XYZ(61.3927, 61.8465, 51.4313)

Have a look what the booklet for
XYZ(61.3927, 61.8465, 51.4313)
contains.

| | |
|--|----|
| XYZ(61.3364, 61.6860, 51.3216) | 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(61.3364, 61.6860,
51.3216)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E5C9B3 |
| RGB | 229, 201, 179 |
| RGB Percent | 90%, 79%, 70% |
| CMY | 0.1020, 0.2117, 0.2980 |
| CMYK | 0.00, 0.12, 0.22, 0.10 |
| HSL | 26°, 49%, 80% |
| HSV | 26°, 22%, 90% |
| XYZ | 61.3364, 61.6860, 51.3216 |
| YIQ | 206.8640, 23.7500, -0.9060 |

Conversions

Conversions Part 2

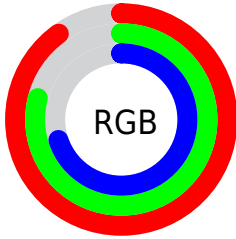
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 229, 218, 179 |
| Decimal | 15059379 |
| CIE Lab | 82.75, 6.45, 14.60 |
| CIE LCh | 83, 15.965, 66.174 |
| Yxy | 61.6860, 0.3518, 0.3538 |
| Android (android.graphics.Color) | 4293249459 (0xFFE5C9B3) |
| YUV | 206.8640, -13.7370, 19.4133 |
| Hunter-Lab | 78.5404, 1.9544, 16.2357 |

Details

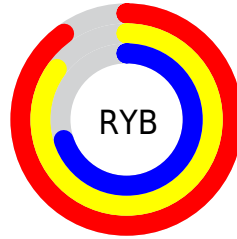
The XYZ color **61.3364, 61.6860, 51.3216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.0455, 59.8648, 82.7829**, and the grayscale version is **59.2969, 62.3850, 67.9373**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **31.4332, 31.2580, 24.1154** is the 20% darker color. If you saturate the color by 10%, you get **56.3451, 55.1069, 39.1645**, and if you desaturate by 10%, it is **66.9652, 68.9236, 65.5902**.

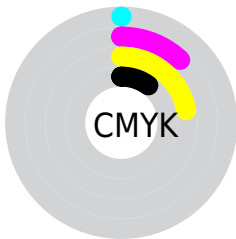
Distribution



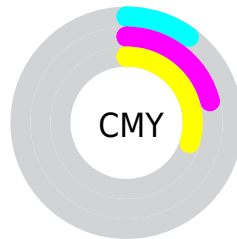
- Red (90%)
- Green (79%)
- Blue (70%)



- Red (90%)
- Yellow (85%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (10%)





- Cyan (10%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3364, 61.6860, 51.3216 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 61.3364, 61.6860, 51.3216 by changing the saturation by 10% instead.


 61.3364, 61.6860,
51.3216

 61.3364, 61.6860,
51.3216


419.2626,
430.7848, 408.6942

 44.7503, 44.7790,
36.0861


 105.8612,
107.2716, 93.5463

 31.4612, 31.2834,
24.2105


134.5306,
136.7190, 121.3727

 21.1039, 20.8148,
15.2762


167.9585,
171.1153, 154.2330

 13.3128, 12.9887,
8.8647

206.5103,
210.8450, 192.5460

 7.7228, 7.4207,
4.5574

250.5512,
256.2924, 236.7300

 3.9684, 3.7266,
1.9359

300.4466,

 1.6843, 1.5218,

307.8419, 287.2037

0.5154

356.5620,
365.8779, 344.3855

■ 0.4464, 0.3040,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3364, 61.6860,
51.3216

■ 61.3364, 61.6860,
51.3216

■ 56.3451, 55.1069,
39.1645

■ 66.9652, 68.9236,
65.5902

■ 51.9613, 49.1582,
29.0132

■ 73.2501, 76.8301,
82.0613

■ 48.1598, 43.8219,
20.7582

■ 80.2149, 85.4262,
100.8256

■ 44.9114, 39.0757,
14.2783

■ 85.2657, 93.6831,
108.1964

■ 42.1839, 34.8959,
9.4379

■ 86.1232, 95.3981,
108.4822

■ 39.9411, 31.2564,
6.0812

■ 38.1403, 28.1282,
4.0219

■ 36.9458, 25.9232,
3.0564

Harmonies

Analogous

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



64.1192, 61.6860, 56.6192



61.3364, 61.6860, 51.3216



57.9240, 61.6860, 50.0775

Triad

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



61.3364, 61.6860, 51.3216



52.3131, 61.6860, 69.2181



62.6116, 61.6860, 83.6014

Complementary

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



61.3364, 61.6860, 51.3216



55.0455, 59.8648, 82.7829

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.



59.3431, 61.6860, 87.7562



61.3364, 61.6860, 51.3216



53.4647, 61.6860, 78.9464

Square

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



61.3364, 61.6860, 51.3216



52.8003, 61.6860, 59.8183



56.0057, 61.6860, 85.9748



64.8753, 61.6860, 75.0911

Rectangle

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



61.3364, 61.6860, 51.3216



55.7685, 61.6860, 51.5955



56.0057, 61.6860, 85.9748



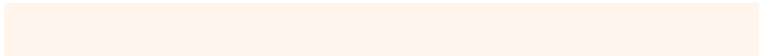
61.5892, 61.6860, 85.5897

Sweetspot

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



61.3380, 61.6888, 51.3229



89.2021, 92.6915, 93.4255



59.7370, 53.4202, 66.4086



18.9893, 19.7092, 19.7257



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.



61.3380, 61.6888, 51.3229



75.4326, 75.0008, 58.4744



67.5560, 74.1247, 53.3955



14.8963, 15.4065, 15.0931



21.2392, 15.0525, 1.7860



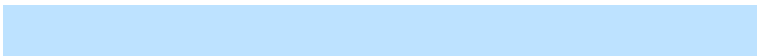
1.6607, 1.2948, 0.1624

Inverse Universe

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



55.0455, 59.8648, 82.7829



66.1098, 72.2963, 105.0780



49.5303, 48.8342, 80.9444



14.2489, 15.2191, 18.3309



12.6379, 12.3379, 44.0985



1.0261, 1.0961, 3.2895

Previews

White Background



This preview shows how the XYZ color 61.3364, 61.6860, 51.3216 looks on a white background.

Color Contrast Check

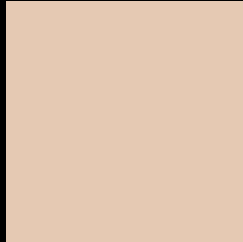
Large Text (above 18pt) WCAG AA × Fail

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 61.3364, 61.6860, 51.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

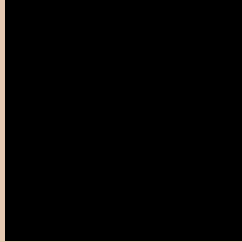
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3364, 61.6860, 51.3216

Background



This preview shows how black text looks on a background with the XYZ color 61.3364, 61.6860, 51.3216.



This preview shows how white text looks on a background with the XYZ color 61.3364, 61.6860,

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

61.3364, 61.6860, 51.3216

Protanopia

58.7307, 62.0777, 52.6028

Deuteranopia

62.9228, 61.4757, 51.1974



Tritanopia

65.2279, 61.5570, 70.7312

Trichromacy



Original Color

61.3364, 61.6860, 51.3216

Protanomaly

59.6499, 61.8532, 51.9750

Deuteranomaly

62.1644, 61.4252, 51.2277

Tritanomaly

63.8981, 61.7141, 63.1878

Monochromacy



Original Color

61.3364, 61.6860, 51.3216

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9337, 62.1409, 61.6589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3364, 61.6860, 51.3216 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(229, 201, 179)` looks like.

```
.text, #text, p{  
  color:rgb(229, 201, 179)  
}
```

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(229, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 201, 179) }
```

Border

The CSS property to change the border of an element to XYZ 61.3364, 61.6860, 51.3216 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(229, 201, 179) }
```


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

```
.border{ border-color:rgb(229, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(229, 201,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3364, 61.6860, 51.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 201, 179) }
```

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

```
.background{ background-color: rgb(229,  
201, 179) }
```

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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