

Converting Colors

XYZ(57.7838, 61.6675, 32.9036)

Have a look what the booklet for
XYZ(57.7838, 61.6675, 32.9036)
contains.

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Color

**XYZ(57.7828, 61.6664,
32.9021)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CD8A
RGB	226, 205, 138
RGB Percent	89%, 80%, 54%
CMY	0.1137, 0.1961, 0.4588
CMYK	0.00, 0.09, 0.39, 0.11
HSL	46°, 60%, 71%
HSV	46°, 39%, 89%
XYZ	57.7828, 61.6664, 32.9021
YIQ	203.6410, 34.0230, -16.3850

Conversions

Conversions Part 2

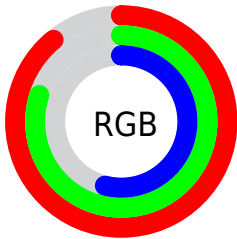
Format	Color
R_{YB}	166, 226, 138
Decimal	14863754
CIE _{Lab}	82.74, -2.02, 36.02
CIE _{LCh}	83, 36.080, 93.204
Yxy	61.6664, 0.3793, 0.4048
Android (android.graphics.Color)	4293053834 (0xFFE2CD8A)
YUV	203.6410, -32.3610, 19.6088
Hunter-Lab	78.5280, -6.0792, 30.1279

Details

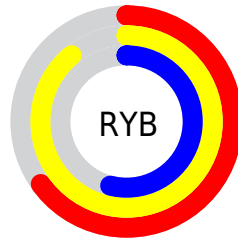
The XYZ color **57.7828, 61.6664, 32.9021** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.6065, 35.6894, 76.9108**, and the grayscale version is **57.3519, 60.3387, 65.7088**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **29.1491, 31.2564, 13.5136** is the 20% darker color. If you saturate the color by 10%, you get **55.0467, 58.5459, 24.7405**, and if you desaturate by 10%, it is **60.9069, 65.0177, 42.8741**.

Distribution



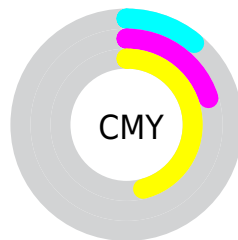
- Red (89%)
- Green (80%)
- Blue (54%)



- Red (65%)
- Yellow (89%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7828, 61.6664, 32.9021 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 57.7828, 61.6664, 32.9021 by changing the saturation by 10% instead.

■ 57.7828, 61.6664,
32.9021

■ 57.7828, 61.6664,
32.9021

406.3430,
430.7132, 329.8268

■ 41.8766, 44.7632,
21.7810

■ 100.7313,
107.2432, 65.3369

■ 29.1954, 31.2709,
13.4993

■ 128.5043,
136.6857, 87.4876

■ 19.3737, 20.8053,
7.6385

■ 160.9637,
171.0766, 114.1520

■ 12.0462, 12.9817,
3.7801

198.4748,
210.8005, 145.7485

■ 6.8476, 7.4160,
1.5055

241.4029,
256.2417, 182.6957

■ 3.4124, 3.7236,
0.2220

290.1134,

■ 1.3754, 1.5202,

307.7846, 225.4121

0.0000

344.9716,
365.8137, 274.3163

■ 0.2386, 0.3029,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7828, 61.6664,
32.9021

■ 57.7828, 61.6664,
32.9021

■ 55.0467, 58.5459,
24.7405

■ 60.9069, 65.0177,
42.8741

■ 52.6723, 55.6382,
18.2732


■ 64.4343, 68.6000,
54.7552


■ 50.6371, 52.9358,
13.3767

■ 68.3849, 72.4240,
68.6415


■ 48.9135, 50.4272,
9.9089


■ 72.7759, 76.4974,
84.6216


 47.4692, 48.0985,
7.7019


 77.6236, 80.8273,
102.7786


 46.2547, 45.9291,
6.4963

 79.8015, 84.1638,
106.6470

 46.1322, 45.7051,
6.3905

 81.3893, 87.3394,
107.1762

 83.0245, 90.6097,
107.7213

 84.7074, 93.9756,
108.2823

Harmonies

Analogous

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



65.5925, 61.6664, 35.7907



57.7828, 61.6664, 32.9021



50.8217, 61.6664, 37.3825

Triad

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



57.7828, 61.6664, 32.9021



47.0028, 61.6664, 93.3424



72.9508, 61.6664, 88.2883

Complementary

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



57.7828, 61.6664, 32.9021



36.6065, 35.6894, 76.9108

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.



67.1604, 61.6664, 109.5760



57.7828, 61.6664, 32.9021



52.1453, 61.6664, 112.9170

Square

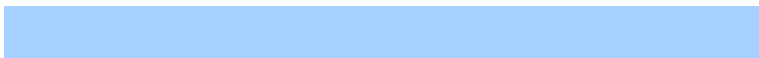
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.7828, 61.6664, 32.9021



44.9525, 61.6664, 69.5588



59.4492, 61.6664, 119.4270



74.7913, 61.6664, 64.7861

Rectangle

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



57.7828, 61.6664, 32.9021



47.4669, 61.6664, 44.6815



59.4492, 61.6664, 119.4270



71.3781, 61.6664, 96.0995

Sweetspot

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



57.7843, 61.6692, 32.9034



88.2240, 93.6138, 84.2251



46.7981, 36.8844, 37.9113



18.7355, 19.8946, 17.5047



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.



57.7843, 61.6692, 32.9034



72.9309, 77.6278, 34.1169



56.6859, 69.0651, 34.3888



14.5802, 15.4463, 14.5198



26.4145, 26.2670, 3.6778



1.8984, 1.9557, 0.2774

Inverse Universe

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



36.6065, 35.6894, 76.9108



41.2954, 38.8424, 99.9286



37.3138, 31.1423, 75.9958



13.2162, 13.7715, 17.3493



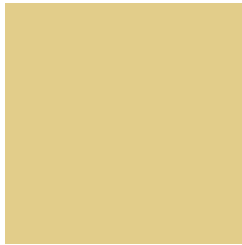
8.6587, 4.7869, 41.5160



0.6690, 0.4695, 2.9006

Previews

White Background



This preview shows how the XYZ color 57.7828, 61.6664, 32.9021 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 57.7828, 61.6664, 32.9021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

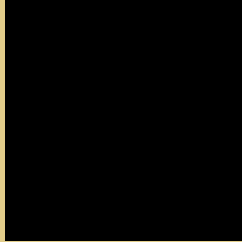
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7828, 61.6664, 32.9021

Background



This preview shows how black text looks on a background with the XYZ color 57.7828, 61.6664, 32.9021.



This preview shows how white text looks on a background with the XYZ color 57.7828, 61.6664,

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

57.7828, 61.6664, 32.9021

Protanopia

57.0902, 61.6656, 32.9384

Deuteranopia

62.7059, 61.4188, 33.3610



Tritanopia

65.4295, 61.6754, 70.0841

Trichromacy



Original Color

57.7828, 61.6664, 32.9021

Protanomaly

57.3992, 61.8249, 32.9529

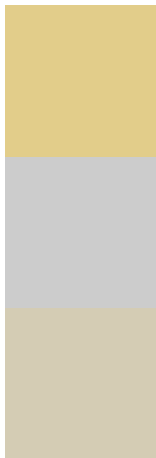
Deuteranomaly

60.9111, 61.5234, 33.0909

Tritanomaly

62.0302, 61.2965, 53.9095

Monochromacy



Original Color

57.7828, 61.6664, 32.9021

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9825, 60.4781, 51.8502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7828, 61.6664, 32.9021 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(226, 205, 138)` looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 138)  
}
```

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(226, 205, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 138) }
```

Border

The CSS property to change the border of an element to XYZ 57.7828, 61.6664, 32.9021 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(226, 205, 138) }
```


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

```
.border{ border-color:rgb(226, 205, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 205, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 205, 138); box-shadow:4px 4px 4px 4px rgb(226, 205, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7828, 61.6664, 32.9021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 138) }
```

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

```
.background{ background-color: rgb(226,  
205, 138) }
```

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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