

Converting Colors

XYZ(61.3193, 63.3124, 33.4918)

Have a look what the booklet for
XYZ(61.3193, 63.3124, 33.4918)
contains.

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Color

**XYZ(61.4166, 63.5312,
33.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCD8B
RGB	237, 205, 139
RGB Percent	93%, 80%, 55%
CMY	0.0706, 0.1961, 0.4549
CMYK	0.00, 0.13, 0.41, 0.07
HSL	40°, 73%, 74%
HSV	40°, 41%, 93%
XYZ	61.4166, 63.5312, 33.4519
YIQ	207.0440, 40.2580, -13.7420

Conversions

Conversions Part 2

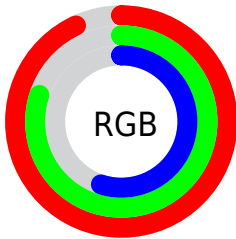
Format	Color
R _{YB}	187, 237, 139
Decimal	15584651
CIE Lab	83.72, 2.44, 36.98
CIE LCh	84, 37.060, 86.233
Yxy	63.5312, 0.3877, 0.4011
Android (android.graphics.Color)	4293774731 (0xFFEDCD8B)
YUV	207.0440, -33.5457, 26.2714
Hunter-Lab	79.7065, -1.9459, 30.9112

Details

The XYZ color **61.4166, 63.5312, 33.4519** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.4961, 40.7280, 85.8477**, and the grayscale version is **59.5291, 62.6292, 68.2032**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **31.4185, 32.4215, 13.8346** is the 20% darker color. If you saturate the color by 10%, you get **58.0643, 59.3038, 24.6975**, and if you desaturate by 10%, it is **65.2390, 68.0978, 44.2163**.

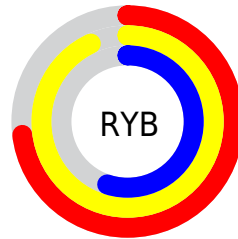
Distribution



Red (93%)

Green (80%)

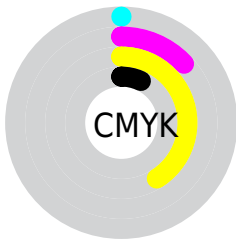
Blue (55%)



Red (73%)

Yellow (93%)

Blue (55%)

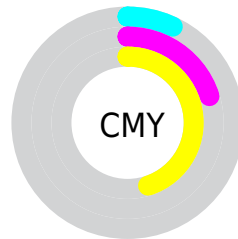


Cyan (0%)

Magenta (13%)

Yellow (41%)

Black (7%)



Cyan (7%)


Magenta (20%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4166, 63.5312, 33.4519 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 61.4166, 63.5312, 33.4519 by changing the saturation by 10% instead.


 61.4166, 63.5312,
33.4519

 61.4166, 63.5312,
33.4519


419.5514,
437.4948, 332.3754


 44.8153, 46.2711,
22.1989


 105.9766,
109.9355, 66.2045

 31.5126, 32.4598,
13.8034


 134.6660,
139.8485, 88.5413

 21.1432, 21.7129,
7.8469


 168.1155,
174.7479, 115.4096

 13.3418, 13.6461,
3.9108

206.6904,
215.0181, 147.2282

 7.7430, 7.8750,
1.5765

250.7561,
261.0435, 184.4156

 3.9813, 4.0150,
0.2740

300.6779,

 1.6916, 1.6820,

313.2084, 227.3902

0.0000

356.8212,
371.8974, 276.5706

■ 0.4510, 0.4119,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4166, 63.5312,
33.4519

■ 61.4166, 63.5312,
33.4519

■ 58.0643, 59.3038,
24.6975

■ 65.2390, 68.0978,
44.2163

■ 55.1515, 55.3943,
17.8197


■ 69.5505, 73.0061,
57.1048


■ 52.6511, 51.7920,
12.6751


■ 74.3742, 78.2699,
72.2272


■ 50.5303, 48.4816,
9.0975


■ 79.7307, 83.8993,
89.6850

 48.7500, 45.4452,
6.8879

 85.2336, 89.7416,
107.4373

 47.4309, 43.0162,
5.8031

 87.6071, 94.4885,
108.2285

 88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



69.4885, 63.5312, 38.2546



61.4166, 63.5312, 33.4519



53.7405, 63.5312, 36.3083

Triad

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



61.4166, 63.5312, 33.4519



47.4299, 63.5312, 90.8902



74.3213, 63.5312, 97.1350

Complementary

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



61.4166, 63.5312, 33.4519



40.4961, 40.7280, 85.8477

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.



67.5547, 63.5312, 117.5569



61.4166, 63.5312, 33.4519



52.1126, 63.5312, 113.4207

Square

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



61.4166, 63.5312, 33.4519



46.1018, 63.5312, 66.2769



59.3640, 63.5312, 124.0976



77.3489, 63.5312, 72.1557

Rectangle

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



61.4166, 63.5312, 33.4519



49.7930, 63.5312, 42.6168



59.3640, 63.5312, 124.0976



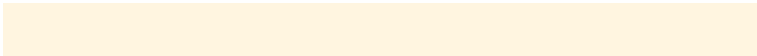
72.3806, 63.5312, 104.9596

Sweetspot

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



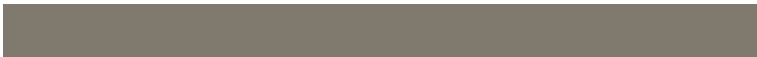
61.4182, 63.5342, 33.4532



87.4042, 91.9743, 83.9519



51.5726, 39.4362, 43.7566



18.5419, 19.5074, 17.4402



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.



61.4182, 63.5342, 33.4532



68.9919, 70.5823, 30.2374



64.6621, 77.7525, 36.0266



15.9135, 16.7499, 15.9130



26.0201, 23.7344, 3.2098



2.1302, 2.0377, 0.2810

Inverse Universe

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



40.4961, 40.7280, 85.8477



41.0885, 40.1933, 100.2002



38.1010, 31.5821, 84.2086



14.6328, 15.3520, 19.1143



9.9152, 6.4774, 44.4706



0.8634, 0.6782, 3.5203

Previews

White Background



This preview shows how the XYZ color 61.4166, 63.5312, 33.4519 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 61.4166, 63.5312, 33.4519 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 61.4166, 63.5312, 33.4519

Background



This preview shows how black text looks on a background with the XYZ color 61.4166, 63.5312, 33.4519.



This preview shows how white text looks on a background with the XYZ color 61.4166, 63.5312, 33.4519.

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

61.4166, 63.5312, 33.4519

Protanopia

58.9722, 63.6928, 34.3851

Deuteranopia

64.8122, 63.5260, 33.6567



Tritanopia

68.8060, 63.4161, 70.2421

Trichromacy



Original Color

61.4166, 63.5312, 33.4519

Protanomaly

59.9226, 63.8282, 33.9728

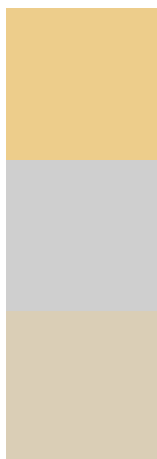
Deuteranomaly

63.5103, 63.5470, 33.7294

Tritanomaly

65.4560, 63.0504, 54.6190

Monochromacy



Original Color

61.4166, 63.5312, 33.4519

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4282, 62.4254, 53.1731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4166, 63.5312, 33.4519 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, 205, 139)` looks like.

```
.text, #text, p{  
    color:rgb(237, 205, 139)  
}
```

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, 205, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 205, 139) }
```

Border

The CSS property to change the border of an element to XYZ 61.4166, 63.5312, 33.4519 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, 205, 139) }
```


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

```
.border{ border-color:rgb(237, 205, 139) }
```

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

Here you see how a box with a 4 pixel rgb(237, 205, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 205, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 205, 139);  
box-shadow:4px 4px 4px 4px rgb(237, 205,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4166, 63.5312, 33.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 205, 139) }
```

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

```
.background{ background-color: rgb(237,  
205, 139) }
```

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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