

Converting Colors

XYZ(61.1063, 62.4930, 41.7107)

Have a look what the booklet for
XYZ(61.1063, 62.4930, 41.7107)
contains.

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Color

**XYZ(61.2182, 62.5387,
41.6455)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CB9F
RGB	233, 203, 159
RGB Percent	91%, 80%, 62%
CMY	0.0863, 0.2039, 0.3765
CMYK	0.00, 0.13, 0.32, 0.09
HSL	36°, 63%, 77%
HSV	36°, 32%, 91%
XYZ	61.2182, 62.5387, 41.6455
YIQ	206.9540, 32.0040, -7.3240

Conversions

Conversions Part 2

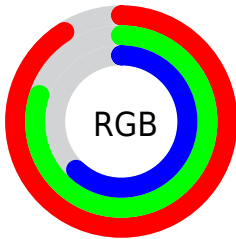
Format	Color
R_{YB}	209, 233, 159
Decimal	15322015
CIE _{Lab}	83.20, 4.22, 25.86
CIE _{LCh}	83, 26.197, 80.732
Yxy	62.5387, 0.3701, 0.3781
Android (android.graphics.Color)	4293512095 (0xFFE9CB9F)
YUV	206.9540, -23.6413, 22.8423
Hunter-Lab	79.0814, -0.2127, 24.1340

Details

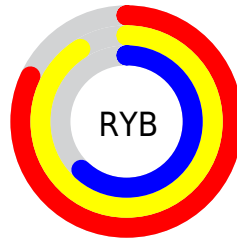
The XYZ color **61.2182, 62.5387, 41.6455** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.2032, 49.6478, 84.1860**, and the grayscale version is **59.4129, 62.5070, 68.0701**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **31.3058, 31.7865, 18.3953** is the 20% darker color. If you saturate the color by 10%, you get **57.2214, 57.4814, 31.2607**, and if you desaturate by 10%, it is **65.7352, 68.0259, 54.0854**.

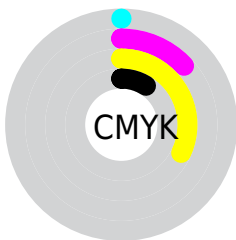
Distribution



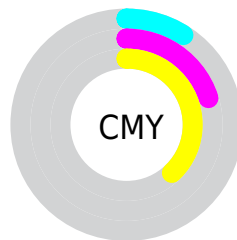
- Red (91%)
- Green (80%)
- Blue (62%)



- Red (82%)
- Yellow (91%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (9%)





- Cyan (9%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2182, 62.5387, 41.6455 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 61.2182, 62.5387, 41.6455 by changing the saturation by 10% instead.


 61.2182, 62.5387,
41.6455


 61.2182, 62.5387,
41.6455


418.8367,
433.8934, 368.7675

 44.6545, 45.4681,
28.5003


 105.6911,
108.5037, 78.9271

 31.3855, 31.8263,
18.4608


 134.3311,
138.1670, 103.9006

 21.0458, 21.2289,
11.1085


167.7271,
172.7965, 133.6540

 13.2702, 13.2914,
6.0248

206.2447,
212.7769, 168.6057

 7.6931, 7.6295,
2.7911

250.2491,
258.4923, 209.1744

 3.9494, 3.8588,
0.9890

300.1056,

 1.6735, 1.5949,

310.3273, 255.7786

0.0000

356.1797,
368.6662, 308.8368

■ 0.4396, 0.3542,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2182, 62.5387,
41.6455

■ 61.2182, 62.5387,
41.6455

■ 57.2214, 57.4814,
31.2607

■ 65.7352, 68.0259,
54.0854

■ 53.7162, 52.8322,
22.8133

■ 70.7898, 73.9471,
68.6814

■ 50.6781, 48.5794,
16.1793

■ 76.4043, 80.3171,
85.5327

■ 48.0782, 44.7074,
11.2191

■ 82.5982, 87.1471,
104.7309

■ 45.8835, 41.1990,
7.7717

■ 85.9107, 93.0564,
108.0415

■ 44.0549, 38.0341,
5.6445

■ 87.4143, 96.0637,
108.5427

■ 42.7729, 35.6608,
4.6288

Harmonies

Analogous

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



66.6282, 62.5387, 46.6285



61.2182, 62.5387, 41.6455



55.6568, 62.5387, 42.8219

Triad

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



61.2182, 62.5387, 41.6455



49.7973, 62.5387, 79.7821



68.3073, 62.5387, 89.8813

Complementary

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



61.2182, 62.5387, 41.6455



47.2032, 49.6478, 84.1860

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.



63.3933, 62.5387, 101.7504



61.2182, 62.5387, 41.6455



52.7905, 62.5387, 95.3049

Square

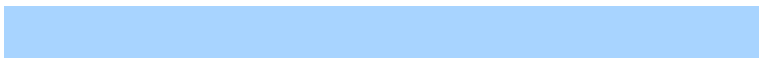
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2182, 62.5387, 41.6455



49.2970, 62.5387, 63.1779



57.6988, 62.5387, 103.8794



70.8893, 62.5387, 73.2588

Rectangle

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



61.2182, 62.5387, 41.6455



52.5932, 62.5387, 47.0288



57.6988, 62.5387, 103.8794



66.8592, 62.5387, 94.6634

Sweetspot

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



61.2198, 62.5416, 41.6468



88.0036, 92.0468, 87.6238



55.2789, 45.8310, 54.5531



18.6365, 19.4722, 18.1639



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.



61.2198, 62.5416, 41.6468



71.9051, 72.7019, 42.6360



67.0232, 77.0850, 44.1481



15.8102, 16.5435, 15.8786



24.3950, 20.4841, 2.6681



2.0096, 1.7965, 0.2408

Inverse Universe

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



47.2032, 49.6478, 84.1860



52.2222, 54.6032, 102.3948



42.6585, 38.6975, 82.3119



14.7325, 15.5514, 19.1475



10.7536, 8.1542, 44.7501



0.9366, 0.8248, 3.5447

Previews

White Background



This preview shows how the XYZ color 61.2182, 62.5387, 41.6455 looks on a white background.

Color Contrast Check

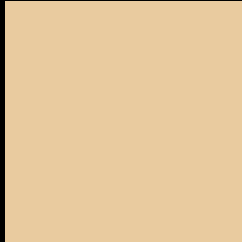
Large Text (above 18pt) WCAG AA × Fail

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 61.2182, 62.5387, 41.6455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

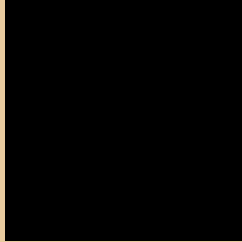
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2182, 62.5387, 41.6455

Background



This preview shows how black text looks on a background with the XYZ color 61.2182, 62.5387, 41.6455.



This preview shows how white text looks on a background with the XYZ color 61.2182, 62.5387,

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

61.2182, 62.5387, 41.6455

Protanopia

58.5646, 62.5710, 42.7089

Deuteranopia

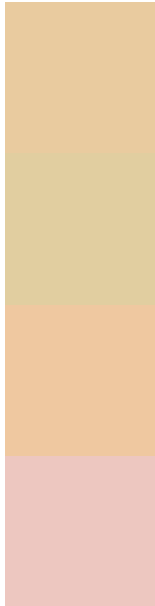
63.7307, 62.4396, 41.9508



Tritanopia

67.0944, 62.5337, 70.1620

Trichromacy



Original Color

61.2182, 62.5387, 41.6455

Protanomaly

59.4678, 62.6882, 42.2235

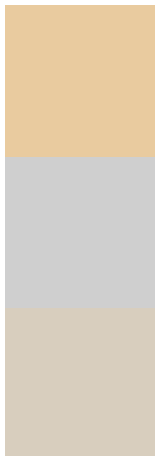
Deuteranomaly

62.5960, 62.1973, 41.9638

Tritanomaly

64.8629, 62.6571, 58.5446

Monochromacy



Original Color

61.2182, 62.5387, 41.6455

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6845, 62.4592, 57.6253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2182, 62.5387, 41.6455 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(233, 203, 159)` looks like.

```
.text, #text, p{  
    color:rgb(233, 203, 159)  
}
```

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(233, 203, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 203, 159) }
```

Border

The CSS property to change the border of an element to XYZ 61.2182, 62.5387, 41.6455 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(233, 203, 159) }
```


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

```
.border{ border-color:rgb(233, 203, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 203, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 203, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 203, 159);  
box-shadow:4px 4px 4px 4px rgb(233, 203,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2182, 62.5387, 41.6455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 203, 159) }
```

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

```
.background{ background-color: rgb(233,  
203, 159) }
```

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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