

Converting Colors

XYZ(63.3937, 61.4136, 57.3189)

Have a look what the booklet for
XYZ(63.3937, 61.4136, 57.3189)
contains.

XYZ(63.4200, 61.5983, 57.2623)	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(63.4200, 61.5983,
57.2623)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC6BE
RGB	234, 198, 190
RGB Percent	92%, 78%, 75%
CMY	0.0824, 0.2235, 0.2549
CMYK	0.00, 0.15, 0.19, 0.08
HSL	11°, 51%, 83%
HSV	11°, 19%, 92%
XYZ	63.4200, 61.5983, 57.2623
YIQ	207.8520, 24.0240, 5.1440

Conversions

Conversions Part 2

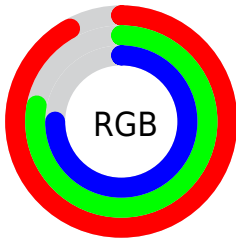
Format	Color
RYB	234, 200, 190
Decimal	15386302
CIELab	82.70, 11.49, 8.74
CIElCh	83, 14.433, 37.247
Yxy	61.5983, 0.3479, 0.3379
Android (android.graphics.Color)	4293576382 (0xFFEAC6BE)
YUV	207.8520, -8.8010, 22.9318
Hunter-Lab	78.4846, 6.8901, 11.6813

Details

The XYZ color **63.4200, 61.5983, 57.2623** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.2823, 71.2786, 88.2651**, and the grayscale version is **59.9040, 63.0237, 68.6328**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **32.8487, 31.2176, 27.9612** is the 20% darker color. If you saturate the color by 10%, you get **56.9627, 52.4530, 43.4885**, and if you desaturate by 10%, it is **70.8444, 72.0195, 73.3856**.

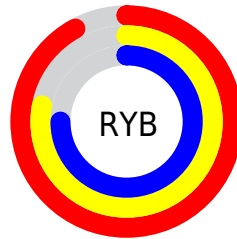
Distribution



Red (92%)

Green (78%)

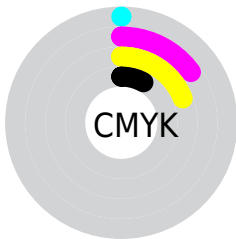
Blue (75%)



Red (92%)

Yellow (78%)

Blue (75%)

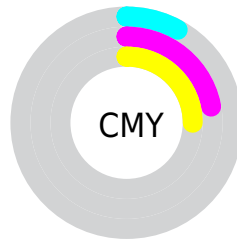


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (8%)



Cyan (8%)


Magenta (22%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4200, 61.5983, 57.2623 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 63.4200, 61.5983, 57.2623 by changing the saturation by 10% instead.


 63.4200, 61.5983,
57.2623

 63.4200, 61.5983,
57.2623


426.7276,
430.4643, 431.9527

 46.4410, 44.7082,
40.8051


 108.8536,
107.1448, 102.3519

 32.8000, 31.2276,
27.8483


138.0390,
136.5699, 131.8215

 22.1318, 20.7723,
17.9733


172.0238,
170.9422, 166.4655

 14.0709, 12.9576,
10.7616

211.1734,
210.6460, 206.7027

 8.2520, 7.3994,
5.7946

255.8533,
256.0657, 252.9514

 4.3098, 3.7131,
2.6538

306.4287,

 1.8789, 1.5144,

307.5857, 305.6303

0.9200

363.2650,
365.5905, 365.1579

■ 0.5645, 0.2988,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4200, 61.5983,
57.2623

■ 63.4200, 61.5983,
57.2623

■ 56.9627, 52.4530,
43.4885

■ 70.8444, 72.0195,
73.3856

■ 51.4273, 44.5262,
31.9506

■ 79.2685, 83.7546,
91.9572

■ 46.7725, 37.7688,
22.5311

■ 87.7418, 96.2325,
108.5580

■ 42.9518, 32.1247,
15.1003

■ 39.9144, 27.5334,
9.5143

■ 37.6035, 23.9284,
5.6094

■ 35.9542, 21.2352,
3.1929

■ 34.8803, 19.3648,
1.9798

■ 34.7801, 19.1891,
1.8707

Harmonies

Analogous

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



64.6597, 61.5983, 64.9403



63.4200, 61.5983, 57.2623



60.8823, 61.5983, 52.5314

Triad

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



63.4200, 61.5983, 57.2623



53.2224, 61.5983, 60.6839



59.3022, 61.5983, 85.4636

Complementary

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



63.4200, 61.5983, 57.2623



63.2823, 71.2786, 88.2651

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.



56.2728, 61.5983, 84.0706



63.4200, 61.5983, 57.2623



52.8328, 61.5983, 69.2459

Square

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



63.4200, 61.5983, 57.2623



55.0143, 61.5983, 54.3818



53.9309, 61.5983, 77.9383



62.2285, 61.5983, 81.5927

Rectangle

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



63.4200, 61.5983, 57.2623



58.8340, 61.5983, 51.4275



53.9309, 61.5983, 77.9383



58.2616, 61.5983, 85.6008

Sweetspot

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



63.4217, 61.6011, 57.2636



88.8198, 91.3258, 95.1510



66.1649, 59.8478, 80.4971



18.8717, 19.3530, 20.0601



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.



63.4217, 61.6011, 57.2636



73.5613, 69.8966, 62.0480



68.6451, 72.0479, 59.0047



15.2871, 15.4972, 15.7043



19.6099, 10.9140, 1.0731



1.6030, 0.9834, 0.1053

Inverse Universe

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



63.2823, 71.2786, 88.2651



73.3563, 83.9032, 106.9364



57.8389, 60.3918, 86.4506



15.2711, 16.6287, 19.3270



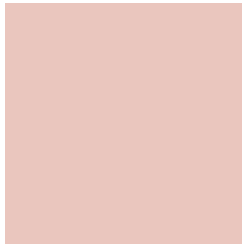
18.9534, 24.5537, 47.4834



1.5489, 2.0492, 3.7488

Previews

White Background



This preview shows how the XYZ color 63.4200, 61.5983, 57.2623 looks on a white background.

Color Contrast Check

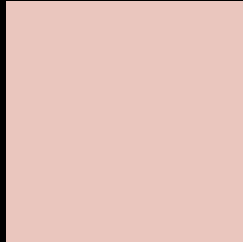
Large Text (above 18pt) WCAG AA × Fail

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 63.4200, 61.5983, 57.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

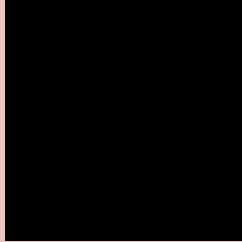
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4200, 61.5983, 57.2623

Background



This preview shows how black text looks on a background with the XYZ color 63.4200, 61.5983, 57.2623.

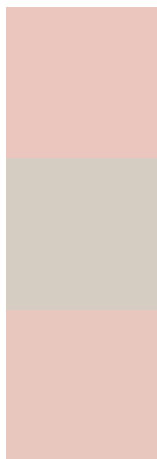


This preview shows how white text looks on a background with the XYZ color 63.4200, 61.5983,

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

63.4200, 61.5983, 57.2623

Protanopia

59.0095, 61.7038, 59.8388

Deuteranopia

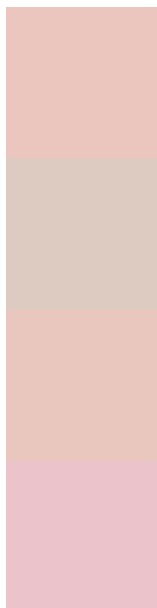
62.9964, 61.7204, 57.3081



Tritanopia

65.7400, 61.5162, 69.3817

Trichromacy



Original Color

63.4200, 61.5983, 57.2623

Protanomaly

60.5650, 61.4635, 59.1236

Deuteranomaly

63.3220, 61.8882, 57.3234

Tritanomaly

64.7804, 61.4538, 64.9474

Monochromacy



Original Color

63.4200, 61.5983, 57.2623

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.7508, 62.1545, 64.0534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4200, 61.5983, 57.2623 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(234, 198, 190)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 190)  
}
```

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(234, 198, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 190) }
```

Border

The CSS property to change the border of an element to XYZ 63.4200, 61.5983, 57.2623 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(234, 198, 190) }
```


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

```
.border{ border-color:rgb(234, 198, 190) }
```

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

Here you see how a box with a 4 pixel rgb(234, 198, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4200, 61.5983, 57.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 190) }
```

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

```
.background{ background-color: rgb(234,  
198, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor