

Converting Colors

XYZ(62.0113, 62.8792, 51.2517)

Have a look what the booklet for
XYZ(62.0113, 62.8792, 51.2517)
contains.

XYZ(62.1257, 62.7895, 51.4930)	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(62.1257, 62.7895,
51.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CBB3
RGB	230, 203, 179
RGB Percent	90%, 80%, 70%
CMY	0.0980, 0.2039, 0.2980
CMYK	0.00, 0.12, 0.22, 0.10
HSL	28°, 50%, 80%
HSV	28°, 22%, 90%
XYZ	62.1257, 62.7895, 51.4930
YIQ	208.3370, 23.7960, -1.7400

Conversions

Conversions Part 2

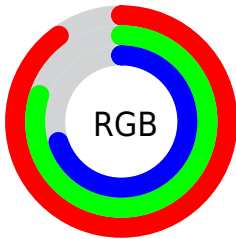
Format	Color
R _Y B	230, 224, 179
Decimal	15125427
CIE Lab	83.33, 5.77, 15.44
CIE LCh	83, 16.484, 69.504
Yxy	62.7895, 0.3522, 0.3559
Android (android.graphics.Color)	4293315507 (0xFFE6CBB3)
YUV	208.3370, -14.4631, 18.9985
Hunter-Lab	79.2398, 1.2781, 16.9390

Details

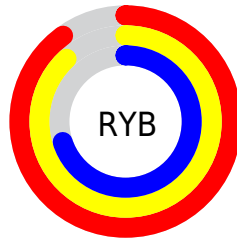
The XYZ color **62.1257, 62.7895, 51.4930** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.9442, 59.4379, 83.4400**, and the grayscale version is **60.2544, 63.3923, 69.0342**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **31.9689, 31.9999, 24.2303** is the 20% darker color. If you saturate the color by 10%, you get **57.2282, 56.4115, 39.3254**, and if you desaturate by 10%, it is **67.6404, 69.7800, 65.7820**.

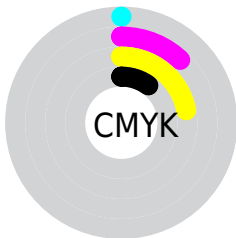
Distribution



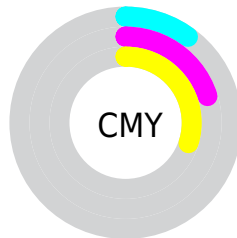
- Red (90%)
- Green (80%)
- Blue (70%)



- Red (90%)
- Yellow (88%)
- Blue (70%)



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





- Cyan (10%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1257, 62.7895, 51.4930 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 62.1257, 62.7895, 51.4930 by changing the saturation by 10% instead.


 62.1257, 62.7895,
51.4930

 62.1257, 62.7895,
51.4930


422.0997,
434.8051, 409.3773

 45.3903, 45.6709,
36.2217


 106.9961,
108.8658, 93.8020

 31.9675, 31.9862,
24.3144


135.8618,
138.5923, 121.6768

 21.4921, 21.3510,
15.3526


169.5015,
173.2902, 154.5898

 13.5987, 13.3808,
8.9179

208.2808,
213.3439, 192.9596

 7.9219, 7.6913,
4.5916

252.5649,
259.1379, 237.2047

 4.0964, 3.8981,
1.9552

302.7192,

 1.7568, 1.6167,

311.0565, 287.7437

0.5275

359.1090,
369.4841, 344.9950

■ 0.4914, 0.3688,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1257, 62.7895,
51.4930

■ 62.1257, 62.7895,
51.4930

■ 57.2282, 56.4115,
39.3254

■ 67.6404, 69.7800,
65.7820

■ 52.9184, 50.6194,
29.1722

■ 73.7902, 77.3917,
82.2843

■ 49.1719, 45.3971,
20.9231

■ 80.5984, 85.6436,
101.0912

■ 45.9601, 40.7242,
14.4553

■ 85.4005, 93.4776,
108.1496

■ 43.2516, 36.5790,
9.6315

■ 86.4433, 95.5631,
108.4972

■ 41.0107, 32.9376,
6.2940

■ 39.1956, 29.7730,
4.2532

■ 38.0229, 27.6024,
3.3238

Harmonies

Analogous

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



65.1575, 62.7895, 56.5626



62.1257, 62.7895, 51.4930



58.5486, 62.7895, 50.6871

Triad

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



62.1257, 62.7895, 51.4930



53.1361, 62.7895, 71.6787



64.1726, 62.7895, 84.7578

Complementary

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



62.1257, 62.7895, 51.4930



54.9442, 59.4379, 83.4400

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.



60.8249, 62.7895, 89.7435



62.1257, 62.7895, 51.4930



54.5175, 62.7895, 81.7094

Square

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



62.1257, 62.7895, 51.4930



53.4530, 62.7895, 61.6854



57.2984, 62.7895, 88.5753



66.3717, 62.7895, 75.5147

Rectangle

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



62.1257, 62.7895, 51.4930



56.3488, 62.7895, 52.5853



57.2984, 62.7895, 88.5753



63.1390, 62.7895, 87.0272

Sweetspot

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



62.1274, 62.7923, 51.4943



89.3675, 93.0223, 93.4806



59.9187, 53.5299, 65.6948



19.0275, 19.7858, 19.7384



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.



62.1274, 62.7923, 51.4943



75.3348, 75.2434, 57.0909



68.5962, 75.7301, 53.6506



14.9336, 15.4810, 15.1055



21.6466, 15.8674, 1.9218



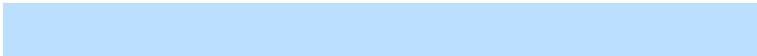
1.6920, 1.3573, 0.1728

Inverse Universe

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



54.9442, 59.4379, 83.4400



64.6154, 70.2364, 104.7591



49.3370, 48.2236, 81.5710



14.2112, 15.1438, 18.3184



12.1320, 11.3262, 43.9299



0.9894, 1.0227, 3.2772

Previews

White Background



This preview shows how the XYZ color 62.1257, 62.7895, 51.4930 looks on a white background.

Color Contrast Check

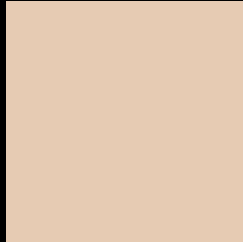
Large Text (above 18pt) WCAG AA × Fail

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 62.1257, 62.7895, 51.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

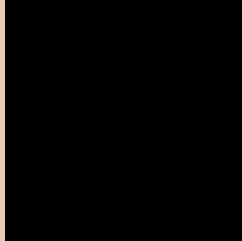
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1257, 62.7895, 51.4930

Background



This preview shows how black text looks on a background with the XYZ color 62.1257, 62.7895, 51.4930.



This preview shows how white text looks on a background with the XYZ color 62.1257, 62.7895,

51.4930.

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

62.1257, 62.7895, 51.4930

Protanopia

59.5668, 62.8673, 52.7112

Deuteranopia

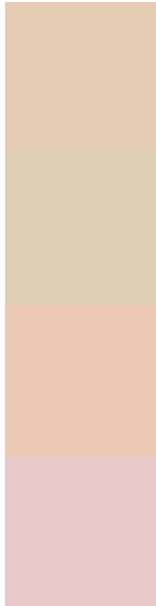
64.1524, 62.7810, 51.9168



Tritanopia

66.1360, 62.6847, 71.5644

Trichromacy



Original Color

62.1257, 62.7895, 51.4930

Protanomaly

60.4337, 62.9675, 52.1488

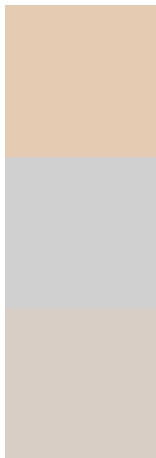
Deuteranomaly

63.3858, 62.7307, 51.9475

Tritanomaly

64.8012, 62.8492, 63.9741

Monochromacy



Original Color

62.1257, 62.7895, 51.4930

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.4683, 62.7728, 61.7527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1257, 62.7895, 51.4930 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(230, 203, 179) looks like.

```
.text, #text, p{  
    color:rgb(230, 203, 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(230, 203, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 203, 179) }
```

Border

The CSS property to change the border of an element to XYZ 62.1257, 62.7895, 51.4930 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(230, 203, 179) }
```


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

```
.border{ border-color:rgb(230, 203, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 203, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 203, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 203, 179);  
box-shadow:4px 4px 4px 4px rgb(230, 203,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1257, 62.7895, 51.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 203, 179) }
```

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

```
.background{ background-color: rgb(230,  
203, 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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