

Converting Colors

XYZ(62.9390, 62.7382, 56.9366)

Have a look what the booklet for
XYZ(62.9390, 62.7382, 56.9366)
contains.

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Color

**XYZ(62.9390, 62.7382,
56.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CABD
RGB	230, 202, 189
RGB Percent	90%, 79%, 74%
CMY	0.0980, 0.2078, 0.2588
CMYK	0.00, 0.12, 0.18, 0.10
HSL	19°, 45%, 82%
HSV	19°, 18%, 90%
XYZ	62.9390, 62.7382, 56.9366
YIQ	208.8900, 20.8610, 1.8930

Conversions

Conversions Part 2

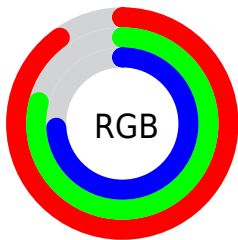
Format	Color
R _Y B	230, 208, 189
Decimal	15125181
CIE Lab	83.30, 7.77, 10.09
CIE LCh	83, 12.734, 52.376
Yxy	62.7382, 0.3447, 0.3436
Android (android.graphics.Color)	4293315261 (0xFFE6CABD)
YUV	208.8900, -9.8058, 18.5135
Hunter-Lab	79.2074, 3.2248, 12.8259

Details

The XYZ color **62.9390, 62.7382, 56.9366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.0817, 66.1562, 84.4662**, and the grayscale version is **60.5865, 63.7417, 69.4147**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **32.4894, 31.9561, 27.7483** is the 20% darker color. If you saturate the color by 10%, you get **57.1388, 54.8210, 43.6471**, and if you desaturate by 10%, it is **69.5137, 71.5695, 72.4390**.

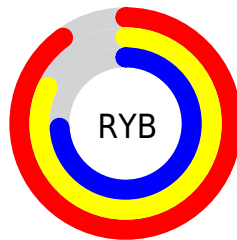
Distribution



Red (90%)

Green (79%)

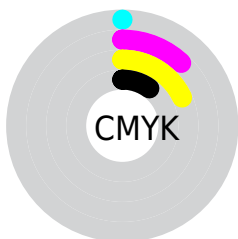
Blue (74%)



Red (90%)

Yellow (82%)

Blue (74%)

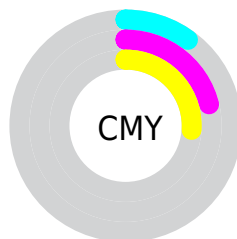


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9390, 62.7382, 56.9366 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 62.9390, 62.7382, 56.9366 by changing the saturation by 10% instead.


 62.9390, 62.7382,
56.9366

 62.9390, 62.7382,
56.9366


425.0113,
434.6187, 430.6988

 46.0503, 45.6294,
40.5453


 108.1638,
108.7917, 101.8721

 32.4903, 31.9535,
27.6470

137.2307,
138.5053, 131.2534

 21.8937, 21.3260,
17.8230


171.0876,
173.1892, 165.8018

 13.8949, 13.3625,
10.6548

210.1000,
213.2280, 205.9357

 8.1288, 7.6786,
5.7240

254.6332,
259.0059, 252.0739

 4.2300, 3.8900,
2.6119

305.0526,

 1.8331, 1.6122,

310.9074, 304.6348

0.8986

361.7235,
369.3169, 364.0369

■ 0.5375, 0.3658,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9390, 62.7382,
56.9366

■ 62.9390, 62.7382,
56.9366

■ 57.1388, 54.8210,
43.6471

■ 69.5137, 71.5695,
72.4390

■ 52.0781, 47.7797,
32.4648

■ 76.8857, 81.3348,
90.2455

■ 47.7268, 41.5856,
23.2811

■ 84.5963, 91.8690,
107.8815

■ 44.0506, 36.2053,
15.9762

■ 86.4434, 95.5631,
108.4972

■ 41.0122, 31.6031,
10.4172

■ 38.5699, 27.7401,
6.4536

■ 36.6763, 24.5736,
3.9088

■ 35.2705, 22.0535,
2.5414

■ 35.0127, 21.5818,
2.3203

Harmonies

Analogous

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



64.6885, 62.7382, 62.6718



62.9390, 62.7382, 56.9366



60.3396, 62.7382, 54.2908

Triad

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



62.9390, 62.7382, 56.9366



54.5100, 62.7382, 66.3091



61.6798, 62.7382, 83.3965

Complementary

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



62.9390, 62.7382, 56.9366



60.0817, 66.1562, 84.4662

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.



58.9275, 62.7382, 84.5589



62.9390, 62.7382, 56.9366



54.8438, 62.7382, 74.2793

Square

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



62.9390, 62.7382, 56.9366



55.5142, 62.7382, 59.4228



56.4406, 62.7382, 81.1081



63.9460, 62.7382, 78.0446

Rectangle

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



62.9390, 62.7382, 56.9366



58.4974, 62.7382, 54.4793



56.4406, 62.7382, 81.1081



60.7787, 62.7382, 84.3061

Sweetspot

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



62.9407, 62.7410, 56.9379



90.3499, 93.7764, 97.5401



63.3580, 58.2297, 73.5578



19.2016, 19.8900, 20.5487



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.



62.9407, 62.7410, 56.9379



77.0200, 75.8669, 66.1207



68.0689, 72.9975, 58.6473



14.7482, 15.1103, 15.0437



19.9193, 12.4127, 1.3460



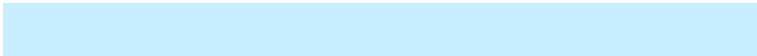
1.5532, 1.0796, 0.1265

Inverse Universe

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



60.0817, 66.1562, 84.4662



72.8375, 80.8578, 106.3759



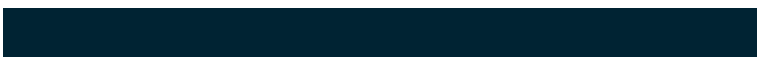
55.1267, 56.2462, 82.8146



14.4017, 15.5249, 18.3819



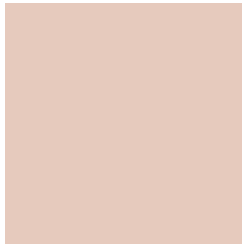
15.0314, 17.1250, 44.8964



1.1934, 1.4307, 3.3452

Previews

White Background



This preview shows how the XYZ color 62.9390, 62.7382, 56.9366 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 62.9390, 62.7382, 56.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

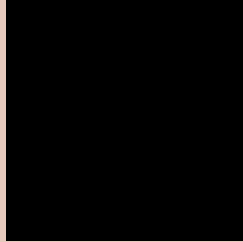
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9390, 62.7382, 56.9366

Background



This preview shows how black text looks on a background with the XYZ color 62.9390, 62.7382, 56.9366.

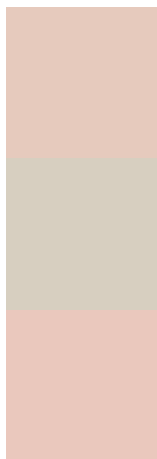


This preview shows how white text looks on a background with the XYZ color 62.9390, 62.7382,

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

62.9390, 62.7382, 56.9366

Protanopia

59.8516, 62.8785, 58.8514

Deuteranopia

63.7713, 62.4751, 56.8419



Tritanopia

65.9360, 62.5668, 72.2197

Trichromacy



Original Color

62.9390, 62.7382, 56.9366

Protanomaly

60.7505, 62.6399, 58.1790

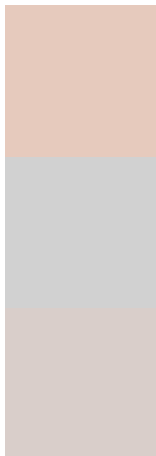
Deuteranomaly

63.6762, 62.7710, 56.9040

Tritanomaly

64.7216, 62.4104, 66.3928

Monochromacy



Original Color

62.9390, 62.7382, 56.9366

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3472, 63.1586, 64.8346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9390, 62.7382, 56.9366 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, 202, 189)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 189)  
}
```

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, 202, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 189) }
```

Border

The CSS property to change the border of an element to XYZ 62.9390, 62.7382, 56.9366 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, 202, 189) }
```


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

```
.border{ border-color:rgb(230, 202, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 202, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 202, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 202, 189); box-shadow:4px 4px 4px 4px rgb(230, 202, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9390, 62.7382, 56.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 189) }
```

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

```
.background{ background-color: rgb(230,  
202, 189) }
```

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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