

Converting Colors

XYZ(62.8051, 58.5469, 57.5997)

Have a look what the booklet for
XYZ(62.8051, 58.5469, 57.5997)
contains.

XYZ(62.8529, 58.6372, 57.8746)	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(62.8529, 58.6372,
57.8746)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBEC0
RGB	237, 190, 192
RGB Percent	93%, 75%, 75%
CMY	0.0706, 0.2549, 0.2471
CMYK	0.00, 0.20, 0.19, 0.07
HSL	357°, 57%, 84%
HSV	357°, 20%, 93%
XYZ	62.8529, 58.6372, 57.8746
YIQ	204.2810, 27.3700, 10.5860

Conversions

Conversions Part 2

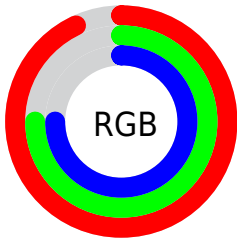
Format	Color
R _Y B	237, 190, 192
Decimal	15580864
CIE Lab	81.09, 17.11, 5.39
CIE LCh	81, 17.941, 17.485
Yxy	58.6372, 0.3504, 0.3269
Android (android.graphics.Color)	4293770944 (0xFFEDBEC0)
YUV	204.2810, -6.0545, 28.6946
Hunter-Lab	76.5749, 12.5071, 8.7916

Details

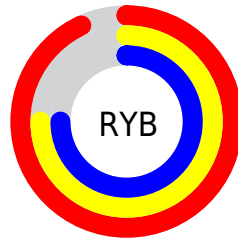
The XYZ color **62.8529, 58.6372, 57.8746** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.5171, 77.5150, 90.0570**, and the grayscale version is **57.5985, 60.5981, 65.9914**.

A 20% lighter version of the original color is **91.1390, 93.9488, 102.1373**, and **32.2868, 29.1757, 28.3559** is the 20% darker color. If you saturate the color by 10%, you get **55.8075, 48.2645, 44.0624**, and if you desaturate by 10%, it is **71.1240, 70.8396, 74.0095**.

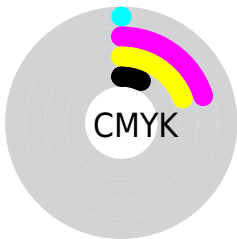
Distribution



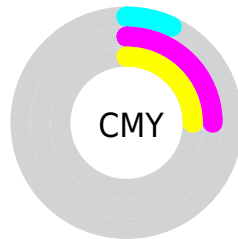
- Red (93%)
- Green (75%)
- Blue (75%)



- Red (93%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8529, 58.6372, 57.8746 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 62.8529, 58.6372, 57.8746 by changing the saturation by 10% instead.


 62.8529, 58.6372,
57.8746

 62.8529, 58.6372,
57.8746


424.7036,
419.5561, 434.3037

 45.9804, 42.3211,
41.2938


 108.0403,
102.8502, 103.2532

 32.4349, 29.3528,
28.2273


137.0859,
131.5159, 132.8881

 21.8511, 19.3479,
18.2565


170.9199,
165.0670, 167.7114

 13.8635, 11.9219,
10.9630

209.9077,
203.8877, 208.1417

 8.1069, 6.6905,
5.9281

254.4146,
248.3627, 254.5976

 4.2158, 3.2693,
2.7333

304.8059,

 1.8249, 1.2739,

298.8761, 307.4975

0.9601

361.4472,
355.8124, 367.2600

■ 0.5326, 0.1209,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8529, 58.6372,
57.8746

■ 62.8529, 58.6372,
57.8746

■ 55.8075, 48.2645,
44.0624

■ 71.1240, 70.8396,
74.0095

■ 49.9248, 39.6258,
32.4625

■ 80.6700, 84.9455,
92.5632

■ 45.1439, 32.6290,
22.9611

■ 88.7352, 96.7446,
108.6045

■ 41.3961, 27.1702,
15.4328

■ 38.6051, 23.1334,
9.7388

■ 36.6841, 20.3866,
5.7224

■ 35.5306, 18.7729,
3.2004

■ 34.9869, 18.0363,
1.9376

■ 34.9804, 18.0267,
1.9248

Harmonies

Analogous

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



63.0274, 58.6372, 68.3984



62.8529, 58.6372, 57.8746



60.7185, 58.6372, 49.8785

Triad

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



62.8529, 58.6372, 57.8746



50.6147, 58.6372, 50.9539



54.1941, 58.6372, 86.0562

Complementary

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



62.8529, 58.6372, 57.8746



66.5171, 77.5150, 90.0570

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.



51.0280, 58.6372, 80.2041



62.8529, 58.6372, 57.8746



49.0242, 58.6372, 59.5001

Square

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



62.8529, 58.6372, 57.8746



53.6069, 58.6372, 46.1996



49.1720, 58.6372, 70.2145



57.9144, 58.6372, 85.4953

Rectangle

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



62.8529, 58.6372, 57.8746



58.5229, 58.6372, 46.6980



49.1720, 58.6372, 70.2145



53.0330, 58.6372, 84.7489

Sweetspot

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



62.8545, 58.6399, 57.8758



88.0920, 89.7158, 95.3846



67.8466, 60.5467, 88.2319



18.7004, 18.9740, 20.1150



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.



62.8545, 58.6399, 57.8758



70.4966, 63.7583, 61.0539



67.5525, 68.3874, 58.3582



15.0914, 15.0644, 15.7666



19.1099, 9.8467, 1.1142



1.5097, 0.7769, 0.1357

Inverse Universe

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



62.8545, 58.6399, 57.8758



70.4966, 63.7583, 61.0539



61.0410, 66.0987, 89.6623



15.0914, 15.0644, 15.7666



19.1099, 9.8467, 1.1142



1.5097, 0.7769, 0.1357

Previews

White Background



This preview shows how the XYZ color 62.8529, 58.6372, 57.8746 looks on a white background.

Color Contrast Check

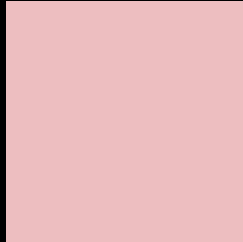
Large Text (above 18pt) WCAG AA × Fail

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 62.8529, 58.6372, 57.8746 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 62.8529, 58.6372, 57.8746

Background



This preview shows how black text looks on a background with the XYZ color 62.8529, 58.6372, 57.8746.



This preview shows how white text looks on a background with the XYZ color 62.8529, 58.6372,

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

62.8529, 58.6372, 57.8746

Protanopia

56.5333, 58.9723, 61.8293

Deuteranopia

59.9704, 58.7994, 57.4788



Tritanopia

64.0226, 58.4554, 64.4086

Trichromacy



Original Color

62.8529, 58.6372, 57.8746

Protanomaly

58.5453, 58.6697, 60.4633

Deuteranomaly

60.7870, 58.5595, 57.3895

Tritanomaly

63.7663, 58.6959, 62.0014

Monochromacy



Original Color

62.8529, 58.6372, 57.8746

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.1677, 59.6159, 63.0321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8529, 58.6372, 57.8746 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, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 190, 192)  
}
```

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, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 190, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.8529, 58.6372, 57.8746 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, 190, 192) }
```


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

```
.border{ border-color:rgb(237, 190, 192) }
```

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

Here you see how a box with a 4 pixel rgb(237, 190, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 190,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8529, 58.6372, 57.8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 190, 192) }
```

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

```
.background{ background-color: rgb(237,  
190, 192) }
```

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