

Converting Colors

XYZ(62.9050, 57.5906, 63.0590)

Have a look what the booklet for
XYZ(62.9050, 57.5906, 63.0590)
contains.

XYZ(62.9050, 57.5906, 63.0590)	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(62.9050, 57.5906,
63.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBBC9
RGB	236, 187, 201
RGB Percent	93%, 73%, 79%
CMY	0.0745, 0.2666, 0.2118
CMYK	0.00, 0.21, 0.15, 0.07
HSL	343°, 56%, 83%
HSV	343°, 21%, 93%
XYZ	62.9050, 57.5906, 63.0590
YIQ	203.2470, 24.7100, 14.7420

Conversions

Conversions Part 2

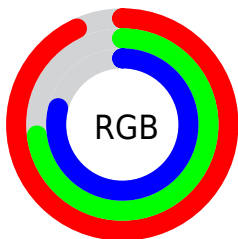
Format	Color
R _Y B	236, 187, 201
Decimal	15514569
CIE Lab	80.51, 19.74, -0.31
CIE LCh	81, 19.740, 359.096
Yxy	57.5906, 0.3427, 0.3138
Android (android.graphics.Color)	4293704649 (0xFFECBBC9)
YUV	203.2470, -1.1078, 28.7244
Hunter-Lab	75.8885, 15.1563, 3.8553

Details

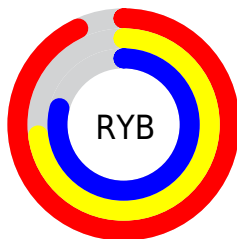
The XYZ color **62.9050, 57.5906, 63.0590** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6761, 75.8310, 80.3917**, and the grayscale version is **56.9172, 59.8813, 65.2107**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **32.6139, 28.8601, 31.4554** is the 20% darker color. If you saturate the color by 10%, you get **56.4283, 47.6384, 51.6469**, and if you desaturate by 10%, it is **70.4253, 69.2805, 75.8943**.

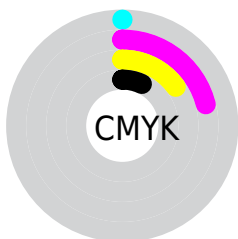
Distribution



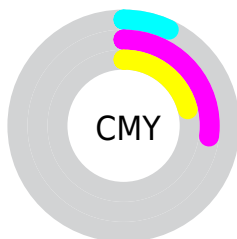
- Red (93%)
- Green (73%)
- Blue (79%)



- Red (93%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9050, 57.5906, 63.0590 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 62.9050, 57.5906, 63.0590 by changing the saturation by 10% instead.

62.9050, 57.5906,
63.0590

62.9050, 57.5906,
63.0590

424.8898,
415.6587, 453.8974

46.0227, 41.4796,
45.4476

108.1150,
101.3264, 110.8410

32.4684, 28.6940,
31.4646

137.1735,
129.7201, 141.8488

21.8768, 18.8495,
20.6915

171.0214,
162.9767, 178.1590

13.8825, 11.5616,
12.7096

210.0240,
201.4807, 220.1904

8.1202, 6.4459,
7.1005

254.5469,
245.6165, 268.3614

4.2244, 3.1181,
3.4457

304.9552,

1.8298, 1.1937,

295.7686, 323.0905

1.3264

361.6144,
352.3211, 384.7963

■ 0.5356, 0.0565,
0.0833

■ 0.0000, 0.0000,
0.0000

■ 62.9050, 57.5906,
63.0590

■ 62.9050, 57.5906,
63.0590

■ 56.4283, 47.6384,
51.6469

■ 70.4253, 69.2805,
75.8943

■ 50.9434, 39.3329,
41.6040

■ 79.0285, 82.7779,
90.1968

■ 46.4008, 32.5870,
32.8784

■ 87.8561, 96.3545,
105.7124

■ 42.7450, 27.3018,
25.4130

■ 88.4023, 96.5730,
108.5889

■ 39.9145, 23.3674,
19.1464

■ 37.8392, 20.6580,
14.0114

■ 36.4365, 19.0238,
9.9333

■ 35.6179, 18.2432,
7.0196

Harmonies

Analogous

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



61.7001, 57.5906, 74.8806



62.9050, 57.5906, 63.0590



61.8333, 57.5906, 52.4683

Triad

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



62.9050, 57.5906, 63.0590



51.0357, 57.5906, 45.1576



50.8328, 57.5906, 83.8699

Complementary

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



62.9050, 57.5906, 63.0590



63.6761, 75.8310, 80.3917

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.



48.2076, 57.5906, 74.1965



62.9050, 57.5906, 63.0590



48.3206, 57.5906, 51.9288

Square

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



62.9050, 57.5906, 63.0590



54.8611, 57.5906, 42.9347



47.3106, 57.5906, 62.3551



54.6153, 57.5906, 87.7716

Rectangle

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



62.9050, 57.5906, 63.0590



60.0006, 57.5906, 47.3064



47.3106, 57.5906, 62.3551



49.7927, 57.5906, 81.1311

Sweetspot

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



62.9066, 57.5932, 63.0602



88.6517, 89.9396, 98.3317



62.8229, 57.0189, 87.0520



18.8322, 19.0268, 20.8092



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.



62.9066, 57.5932, 63.0602



71.4911, 63.2570, 69.0627



63.4845, 61.2650, 55.4963



15.2424, 15.1248, 16.5616



19.6813, 10.0752, 4.1229



1.5856, 0.8072, 0.5353

Inverse Universe

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



62.9066, 57.5932, 63.0602



71.4911, 63.2570, 69.0627



62.8866, 71.1242, 89.7713



15.2424, 15.1248, 16.5616



19.6813, 10.0752, 4.1229



1.5856, 0.8072, 0.5353

Previews

White Background



This preview shows how the XYZ color 62.9050, 57.5906, 63.0590 looks on a white background.

Color Contrast Check

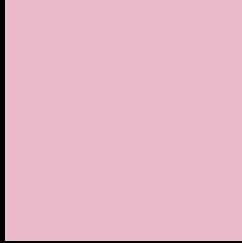
Large Text (above 18pt) WCAG AA × Fail

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 62.9050, 57.5906, 63.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

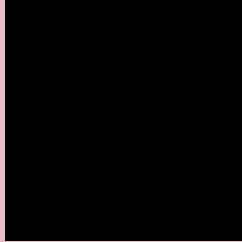
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9050, 57.5906, 63.0590

Background



This preview shows how black text looks on a background with the XYZ color 62.9050, 57.5906, 63.0590.



This preview shows how white text looks on a background with the XYZ color 62.9050, 57.5906,

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

62.9050, 57.5906, 63.0590

Protanopia

55.8960, 57.8184, 67.8885

Deuteranopia

58.9305, 57.8138, 62.6968



Tritanopia

62.9050, 57.5906, 63.0590

Trichromacy



Original Color

62.9050, 57.5906, 63.0590

Protanomaly

58.2661, 57.7341, 65.8305

Deuteranomaly

60.1075, 57.4393, 62.5625

Tritanomaly

62.9050, 57.5906, 63.0590

Monochromacy



Original Color

62.9050, 57.5906, 63.0590

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.6513, 58.6438, 64.1053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9050, 57.5906, 63.0590 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(236, 187, 201)` looks like.

```
.text, #text, p{  
    color:rgb(236, 187, 201)  
}
```

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(236, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 187, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.9050, 57.5906, 63.0590 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(236, 187, 201) }
```


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

```
.border{ border-color:rgb(236, 187, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 187, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(236, 187,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9050, 57.5906, 63.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 187, 201) }
```

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

```
.background{ background-color: rgb(236,  
187, 201) }
```

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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