

Converting Colors

XYZ(63.0127, 62.4053, 64.2445)

Have a look what the booklet for
XYZ(63.0127, 62.4053, 64.2445)
contains.

XYZ(62.7933, 62.1591, 63.9467)	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(62.7933, 62.1591,
63.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C9C9
RGB	226, 201, 201
RGB Percent	89%, 79%, 79%
CMY	0.1137, 0.2117, 0.2118
CMYK	0.00, 0.11, 0.11, 0.11
HSL	0°, 30%, 84%
HSV	0°, 11%, 89%
XYZ	62.7933, 62.1591, 63.9467
YIQ	208.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

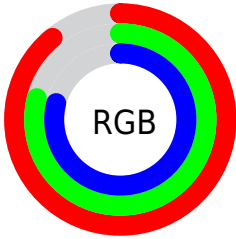
Format	Color
R _Y B	226, 201, 201
Decimal	14862793
CIE Lab	83.00, 8.76, 3.20
CIE LCh	83, 9.324, 20.063
Yxy	62.1591, 0.3324, 0.3291
Android (android.graphics.Color)	4293052873 (0xFFE2C9C9)
YUV	208.4750, -3.6852, 15.3694
Hunter-Lab	78.8410, 4.1953, 7.0996

Details

The XYZ color **62.7933, 62.1591, 63.9467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0109, 72.2998, 82.4810**, and the grayscale version is **60.2804, 63.4197, 69.0640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4948, 31.6319, 31.9967** is the 20% darker color. If you saturate the color by 10%, you get **55.4425, 51.4032, 49.3308**, and if you desaturate by 10%, it is **71.3137, 74.6267, 80.8838**.

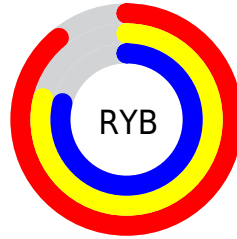
Distribution



Red (89%)

Green (79%)

Blue (79%)



Red (89%)

Yellow (79%)

Blue (79%)

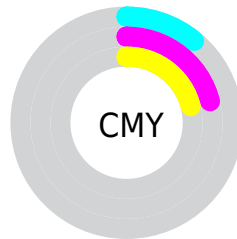


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7933, 62.1591, 63.9467 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 62.7933, 62.1591, 63.9467 by changing the saturation by 10% instead.

62.7933, 62.1591,
63.9467

62.7933, 62.1591,
63.9467

424.4905,
432.5112, 457.1993

45.9320, 45.1613,
46.1616

107.9547,
107.9554, 112.1329

32.3966, 31.5845,
32.0238

136.9856,
137.5227, 143.3711

21.8216, 21.0443,
21.1147

170.8037,
172.0487, 179.9307

13.8417, 13.1564,
13.0158

209.7745,
211.9176, 222.2303

8.0916, 7.5363,
7.3086

254.2632,
257.5139, 270.6884

4.2059, 3.7997,
3.5745

304.6352,

1.8193, 1.5622,

309.2220, 325.7236

1.3949

361.2558,
367.4263, 387.7544

■ 0.5293, 0.3319,
0.1378

■ 0.0000, 0.0000,
0.0000

■ 62.7933, 62.1591,
63.9467

■ 62.7933, 62.1591,
63.9467

■ 55.4425, 51.4032,
49.3308

■ 71.3137, 74.6267,
80.8838

■ 49.2053, 42.2765,
36.9311

■ 81.0460, 88.8674,
100.2327

■ 44.0290, 34.7022,
26.6409

■ 85.1743, 94.9089,
108.4378

■ 39.8547, 28.5939,
18.3426

■ 36.6174, 23.8567,
11.9076

■ 34.2450, 20.3850,
7.1919

■ 32.6544, 18.0573,
4.0307

■ 31.7467, 16.7287,
2.2270

■ 31.3647, 16.1697,
1.4680

Harmonies

Analogous

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



62.9777, 62.1591, 69.6128



62.7933, 62.1591, 63.9467



61.6015, 62.1591, 59.5277

Triad

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



62.7933, 62.1591, 63.9467



56.1604, 62.1591, 60.8074



58.4145, 62.1591, 79.2040

Complementary

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



62.7933, 62.1591, 63.9467



65.0109, 72.2998, 82.4810

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.



56.6289, 62.1591, 76.5461



62.7933, 62.1591, 63.9467



55.3472, 62.1591, 65.7846

Square

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



62.7933, 62.1591, 63.9467



57.7618, 62.1591, 57.7878



55.5167, 62.1591, 71.5573



60.4189, 62.1591, 78.6427

Rectangle

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



62.7933, 62.1591, 63.9467



60.4108, 62.1591, 57.7804



55.5167, 62.1591, 71.5573



57.7696, 62.1591, 78.6519

Sweetspot

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



62.7950, 62.1619, 63.9480



91.4509, 94.7336, 101.7446



65.9789, 63.4339, 80.7187



19.3736, 19.9833, 21.3786



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.



62.7950, 62.1619, 63.9480



80.4876, 78.6916, 79.9487



65.8276, 68.2271, 64.9589



13.7075, 13.7009, 14.2289



17.8935, 9.2249, 0.8375



1.2403, 0.6395, 0.0581

Inverse Universe

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



65.0109, 72.2998, 82.4810



83.8866, 94.2425, 108.3771



61.7359, 65.7498, 81.3893



14.1164, 15.5720, 17.6494



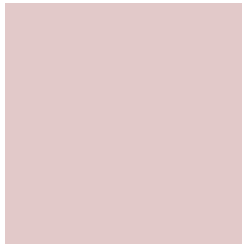
23.3415, 34.1526, 46.4103



1.6180, 2.3674, 3.2169

Previews

White Background



This preview shows how the XYZ color 62.7933, 62.1591, 63.9467 looks on a white background.

Color Contrast Check

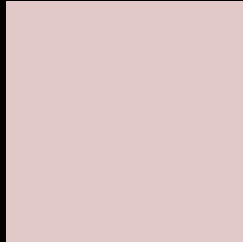
Large Text (above 18pt) WCAG AA × Fail

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 62.7933, 62.1591, 63.9467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

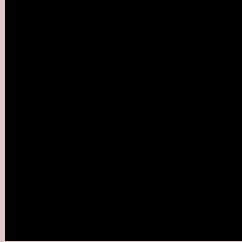
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7933, 62.1591, 63.9467

Background



This preview shows how black text looks on a background with the XYZ color 62.7933, 62.1591, 63.9467.



This preview shows how white text looks on a background with the XYZ color 62.7933, 62.1591,

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

62.7933, 62.1591, 63.9467

Protanopia

59.8344, 62.3511, 66.0081

Deuteranopia

63.5100, 62.1836, 63.9136



Tritanopia

64.5559, 62.1959, 72.2209

Trichromacy



Original Color

62.7933, 62.1591, 63.9467

Protanomaly

60.6913, 62.0965, 65.2870

Deuteranomaly

63.1918, 62.0196, 63.8987

Tritanomaly

63.8415, 62.2429, 68.9709

Monochromacy



Original Color

62.7933, 62.1591, 63.9467

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.8751, 62.5175, 66.6162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7933, 62.1591, 63.9467 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(226, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 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(226, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.7933, 62.1591, 63.9467 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(226, 201, 201) }
```


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

```
.border{ border-color:rgb(226, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 201, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 201, 201); box-shadow:4px 4px 4px 4px rgb(226, 201, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7933, 62.1591, 63.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 201) }
```

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

```
.background{ background-color: rgb(226,  
201, 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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