

Converting Colors

XYZ(62.6085, 59.9786, 59.2000)

Have a look what the booklet for
XYZ(62.6085, 59.9786, 59.2000)
contains.

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Color

**XYZ(62.8570, 60.2489,
59.3552)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C3C2
RGB	233, 195, 194
RGB Percent	91%, 76%, 76%
CMY	0.0863, 0.2353, 0.2392
CMYK	0.00, 0.16, 0.17, 0.09
HSL	2°, 47%, 84%
HSV	2°, 17%, 91%
XYZ	62.8570, 60.2489, 59.3552
YIQ	206.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

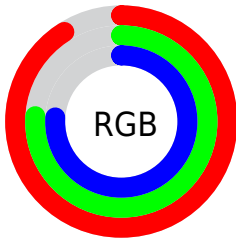
Format	Color
R _Y B	233, 195, 194
Decimal	15320002
CIE Lab	81.97, 13.32, 5.54
CIE LCh	82, 14.428, 22.582
Yxy	60.2489, 0.3445, 0.3302
Android (android.graphics.Color)	4293510082 (0xFFE9C3C2)
YUV	206.2480, -6.0383, 23.4615
Hunter-Lab	77.6202, 8.7144, 8.9958

Details

The XYZ color **62.8570, 60.2489, 59.3552** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8122, 75.0640, 88.1115**, and the grayscale version is **58.8536, 61.9186, 67.4293**.

A 20% lighter version of the original color is **93.3057, 97.7829, 104.3987**, and **32.3900, 30.2903, 28.9504** is the 20% darker color. If you saturate the color by 10%, you get **55.7375, 49.8742, 45.0680**, and if you desaturate by 10%, it is **71.1633, 72.3395, 76.0636**.

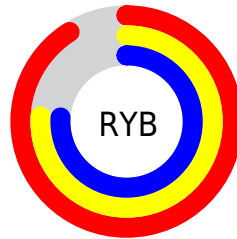
Distribution



Red (91%)

Green (76%)

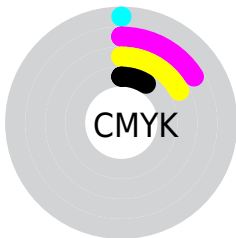
Blue (76%)



Red (91%)

Yellow (76%)

Blue (76%)

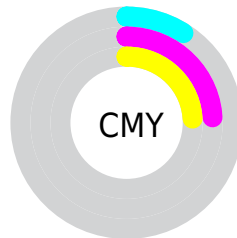


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8570, 60.2489, 59.3552 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 62.8570, 60.2489, 59.3552 by changing the saturation by 10% instead.


 62.8570, 60.2489,
59.3552

 62.8570, 60.2489,
59.3552


424.7182,
425.5146, 439.9554

 45.9837, 43.6193,
42.4772


 108.0462,
105.1906, 105.4279

 32.4376, 30.3713,
29.1468


137.0928,
134.2716, 135.4598

 21.8531, 20.1206,
18.9454


170.9279,
168.2717, 170.7133

 13.8650, 12.4827,
11.4544

209.9168,
207.5755, 211.6071

 8.1079, 7.0733,
6.2553

254.4250,
252.5672, 258.5596

 4.2165, 3.5080,
2.9297

304.8177,

 1.8253, 1.4024,

303.6314, 311.9895

1.0588

361.4603,
361.1524, 372.3153

■ 0.5328, 0.2185,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8570, 60.2489,
59.3552

■ 62.8570, 60.2489,
59.3552

■ 55.7375, 49.8742,
45.0680

■ 71.1633, 72.3395,
76.0636

■ 49.7460, 41.1300,
33.0861

■ 80.7019, 86.2102,
95.2942

■ 44.8262, 33.9359,
23.2900

■ 87.4145, 96.0638,
108.5427

■ 40.9148, 28.2015,
15.5479

■ 37.9420, 23.8269,
9.7136

■ 35.8291, 20.6999,
5.6219

■ 34.4846, 18.6903,
3.0795

■ 33.7953, 17.6387,
1.8417

■ 33.6697, 17.4540,
1.5944

Harmonies

Analogous

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



63.2845, 60.2489, 67.7951



62.8570, 60.2489, 59.3552



60.9058, 60.2489, 53.1353

Triad

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



62.8570, 60.2489, 59.3552



52.7285, 60.2489, 55.9077



56.5103, 60.2489, 83.7216

Complementary

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



62.8570, 60.2489, 59.3552



65.8122, 75.0640, 88.1115

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.



53.7719, 60.2489, 79.8777



62.8570, 60.2489, 59.3552



51.6394, 60.2489, 63.4544

Square

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



62.8570, 60.2489, 59.3552



55.0403, 60.2489, 51.2718



52.0145, 60.2489, 72.2699



59.5484, 60.2489, 82.3780

Rectangle

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



62.8570, 60.2489, 59.3552



59.0398, 60.2489, 50.8335



52.0145, 60.2489, 72.2699



55.5257, 60.2489, 82.9824

Sweetspot

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



62.8587, 60.2516, 59.3565



89.2291, 91.5349, 97.1665



67.5120, 61.7541, 84.9669



18.9302, 19.3472, 20.4583



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.



62.8587, 60.2516, 59.3565



74.0454, 69.4323, 66.6259



67.4271, 69.3885, 60.8793



15.0966, 15.1161, 15.6407



19.1184, 9.9310, 0.9092



1.5122, 0.8018, 0.0751

Inverse Universe

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



65.8122, 75.0640, 88.1115



78.2943, 90.7423, 107.9962



60.7134, 64.8664, 86.4119



15.4825, 17.0514, 19.3975



23.9471, 34.5412, 49.1479



1.8910, 2.7334, 3.8628

Previews

White Background



This preview shows how the XYZ color 62.8570, 60.2489, 59.3552 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 62.8570, 60.2489, 59.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

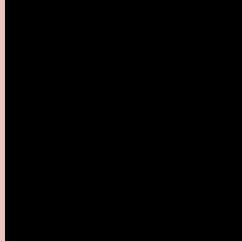
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8570, 60.2489, 59.3552

Background



This preview shows how black text looks on a background with the XYZ color 62.8570, 60.2489, 59.3552.

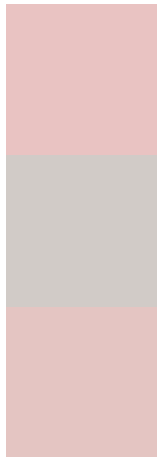


This preview shows how white text looks on a background with the XYZ color 62.8570, 60.2489,

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

62.8570, 60.2489, 59.3552

Protanopia

57.9592, 60.3907, 62.6346

Deuteranopia

61.6988, 60.3215, 59.4303



Tritanopia

64.7161, 60.3562, 67.9135

Trichromacy



Original Color

62.8570, 60.2489, 59.3552

Protanomaly

59.6458, 60.2452, 61.3081

Deuteranomaly

62.1107, 60.1979, 59.3847

Tritanomaly

64.0030, 60.3878, 64.7826

Monochromacy



Original Color

62.8570, 60.2489, 59.3552

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.1001, 61.1043, 64.5038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8570, 60.2489, 59.3552 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(233, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(233, 195, 194)  
}
```

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(233, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 195, 194) }
```

Border

The CSS property to change the border of an element to XYZ 62.8570, 60.2489, 59.3552 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(233, 195, 194) }
```


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

```
.border{ border-color:rgb(233, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(233, 195,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8570, 60.2489, 59.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 195, 194) }
```

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

```
.background{ background-color: rgb(233,  
195, 194) }
```

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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