

Converting Colors

XYZ(65.1125, 61.9732, 64.5281)

Have a look what the booklet for
XYZ(65.1125, 61.9732, 64.5281)
contains.

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Color

**XYZ(65.2190, 62.0296,
64.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC5CA
RGB	236, 197, 202
RGB Percent	93%, 77%, 79%
CMY	0.0745, 0.2274, 0.2078
CMYK	0.00, 0.17, 0.14, 0.07
HSL	352°, 51%, 85%
HSV	352°, 17%, 93%
XYZ	65.2190, 62.0296, 64.4126
YIQ	209.2310, 21.6390, 9.8230

Conversions

Conversions Part 2

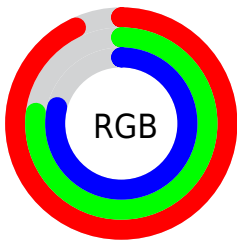
Format	Color
R _Y B	236, 197, 202
Decimal	15517130
CIE Lab	82.93, 14.59, 2.67
CIE LCh	83, 14.834, 10.385
Yxy	62.0296, 0.3403, 0.3236
Android (android.graphics.Color)	4293707210 (0xFFECC5CA)
YUV	209.2310, -3.5649, 23.4764
Hunter-Lab	78.7589, 9.9851, 6.6411

Details

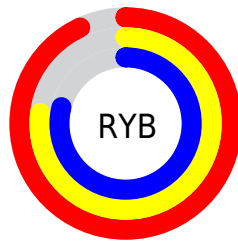
The XYZ color **65.2190, 62.0296, 64.4126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4477, 77.6323, 87.0348**, and the grayscale version is **60.7692, 63.9339, 69.6240**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **33.9901, 31.4863, 32.3030** is the 20% darker color. If you saturate the color by 10%, you get **57.9980, 51.2296, 50.7764**, and if you desaturate by 10%, it is **73.6073, 74.6429, 80.0421**.

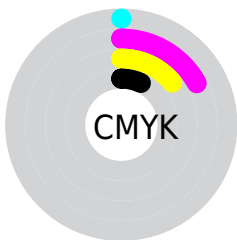
Distribution



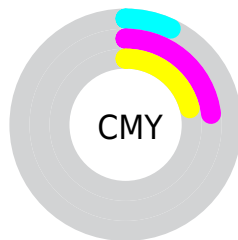
- Red (93%)
- Green (77%)
- Blue (79%)



- Red (93%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2190, 62.0296, 64.4126 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 65.2190, 62.0296, 64.4126 by changing the saturation by 10% instead.

65.2190, 62.0296,
64.4126

65.2190, 62.0296,
64.4126

433.1113,
432.0391, 458.9264

47.9040, 45.0566,
46.5366

111.4286,
107.7683, 112.8101

33.9618, 31.5020,
32.3178

141.0540,
137.3028, 144.1687

23.0270, 20.9814,
21.3375

175.5135,
171.7933, 180.8586

14.7343, 13.1104,
13.1773

215.1726,
211.6242, 223.2984

8.7182, 7.5046,
7.4186

260.3965,
257.1798, 271.9065

4.6135, 3.7796,
3.6428

311.5508,

2.0547, 1.5511,

308.8445, 327.1015

1.4315

369.0006,
367.0028, 389.3019

■ 0.6644, 0.3243,
0.1661

■ 0.0000, 0.0000,
0.0000

■ 65.2190, 62.0296,
64.4126

■ 65.2190, 62.0296,
64.4126

■ 57.9980, 51.2296,
50.7764

■ 73.6073, 74.6429,
80.0421

■ 51.8873, 42.1515,
39.0493

■ 83.2060, 89.1387,
97.7365

■ 46.8332, 34.7088,
29.1471

■ 88.4024, 96.5730,
108.5889

■ 42.7751, 28.8038,
20.9776

■ 39.6465, 24.3288,
14.4404

■ 37.3725, 21.1619,
9.4249

■ 35.8665, 19.1607,
5.8063

■ 35.0215, 18.1472,
3.4393

■ 34.8297, 17.9280,
2.8688

Harmonies

Analogous

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



64.9453, 62.0296, 73.6297



65.2190, 62.0296, 64.4126



63.7694, 62.0296, 56.7533

Triad

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



65.2190, 62.0296, 64.4126



55.0597, 62.0296, 54.9865



56.9158, 62.0296, 85.5360

Complementary

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



65.2190, 62.0296, 64.4126



67.4477, 77.6323, 87.0348

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.



54.3935, 62.0296, 79.6128



65.2190, 62.0296, 64.4126



53.3491, 62.0296, 61.7951

Square

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



65.2190, 62.0296, 64.4126



57.8550, 62.0296, 51.6470



53.1097, 62.0296, 70.7664



60.0734, 62.0296, 86.3980

Rectangle

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



65.2190, 62.0296, 64.4126



62.0505, 62.0296, 53.3489



53.1097, 62.0296, 70.7664



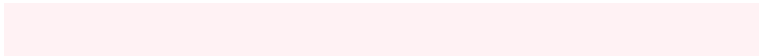
55.9686, 62.0296, 84.0471

Sweetspot

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



65.2207, 62.0324, 64.4139



89.3780, 91.4378, 98.4337



67.9990, 62.9471, 87.9237



18.9663, 19.3237, 20.7648



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.



65.2207, 62.0324, 64.4139



74.5324, 69.1255, 70.7363



68.0409, 68.6042, 62.4824



15.1440, 15.0855, 16.0436



19.2244, 9.8924, 1.7171



1.5349, 0.7869, 0.2680

Inverse Universe

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



65.2207, 62.0324, 64.4139



74.5324, 69.1255, 70.7363



64.2102, 70.0120, 89.4870



15.1440, 15.0855, 16.0436



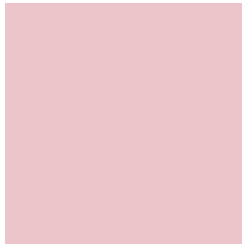
19.2244, 9.8924, 1.7171



1.5349, 0.7869, 0.2680

Previews

White Background



This preview shows how the XYZ color 65.2190, 62.0296, 64.4126 looks on a white background.

Color Contrast Check

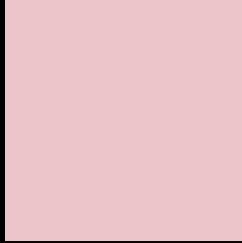
Large Text (above 18pt) WCAG AA × Fail

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 65.2190, 62.0296, 64.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

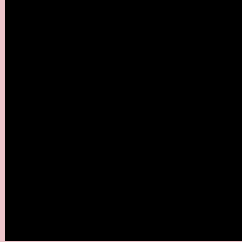
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2190, 62.0296, 64.4126

Background



This preview shows how black text looks on a background with the XYZ color 65.2190, 62.0296, 64.4126.



This preview shows how white text looks on a background with the XYZ color 65.2190, 62.0296,

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

65.2190, 62.0296, 64.4126

Protanopia

59.9121, 62.3492, 67.9084

Deuteranopia

63.5100, 62.1836, 63.9136



Tritanopia

66.4229, 62.1875, 70.1305

Trichromacy



Original Color

65.2190, 62.0296, 64.4126

Protanomaly

61.5888, 62.1797, 66.5134

Deuteranomaly

64.2448, 62.2197, 63.8819

Tritanomaly

66.0501, 62.0384, 68.1679

Monochromacy



Original Color

65.2190, 62.0296, 64.4126

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1853, 63.1789, 67.3098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2190, 62.0296, 64.4126 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, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 202)  
}
```

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, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 65.2190, 62.0296, 64.4126 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, 197, 202) }
```


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

```
.border{ border-color:rgb(236, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(236, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2190, 62.0296, 64.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 197, 202) }
```

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

```
.background{ background-color: rgb(236,  
197, 202) }
```

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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