

Converting Colors

XYZ(66.0917, 62.0187, 70.1163)

Have a look what the booklet for
XYZ(66.0917, 62.0187, 70.1163)
contains.

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Color

**XYZ(66.0899, 62.0159,
70.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC4D3
RGB	236, 196, 211
RGB Percent	93%, 77%, 83%
CMY	0.0745, 0.2314, 0.1725
CMYK	0.00, 0.17, 0.11, 0.07
HSL	338°, 51%, 85%
HSV	338°, 17%, 93%
XYZ	66.0899, 62.0159, 70.1150
YIQ	209.6700, 19.0250, 13.1450

Conversions

Conversions Part 2

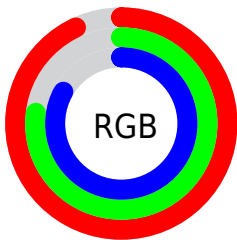
Format	Color
R _{YB}	236, 196, 211
Decimal	15516883
CIE Lab	82.92, 16.58, -2.15
CIE LCh	83, 16.716, 352.598
Yxy	62.0159, 0.3334, 0.3129
Android (android.graphics.Color)	4293706963 (0xFFECC4D3)
YUV	209.6700, 0.6557, 23.0914
Hunter-Lab	78.7502, 11.9906, 2.3364

Details

The XYZ color **66.0899, 62.0159, 70.1150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8140, 76.9488, 79.7942**, and the grayscale version is **61.0308, 64.2092, 69.9238**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **34.5812, 31.4836, 36.1526** is the 20% darker color. If you saturate the color by 10%, you get **59.4145, 51.4896, 59.1808**, and if you desaturate by 10%, it is **73.7758, 74.2902, 82.2249**.

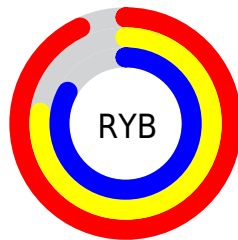
Distribution



Red (93%)

Green (77%)

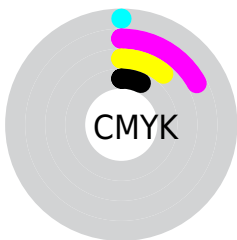
Blue (83%)



Red (93%)

Yellow (77%)

Blue (83%)

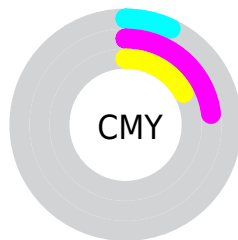


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (7%)



Cyan (7%)


Magenta (23%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0899, 62.0159, 70.1150 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 66.0899, 62.0159, 70.1150 by changing the saturation by 10% instead.


 66.0899, 62.0159,
70.1150

 66.0899, 62.0159,
70.1150


436.1819,
431.9891, 479.7537

 48.6134, 45.0455,
51.1429


112.6724,
107.7485, 121.0554

 34.5261, 31.4933,
35.9448

142.5090,
137.2796, 153.8608

 23.4629, 20.9748,
24.1022


177.1964,
171.7663, 192.1143

 15.0582, 13.1056,
15.1966

217.0999,
211.5931, 236.2346

 8.9469, 7.5013,
8.8093

262.5848,
257.1444, 286.6401

 4.7634, 3.7775,
4.5219

314.0166,

 2.1424, 1.5499,

308.8046, 343.7495

1.9158

371.7605,
366.9580, 407.9812

■ 0.7121, 0.3235,
0.5028

■ 0.0000, 0.0000,
0.0000

■ 66.0899, 62.0159,
70.1150

■ 66.0899, 62.0159,
70.1150

■ 59.4145, 51.4896,
59.1808

■ 73.7758, 74.2902,
82.2249

■ 53.7008, 42.6231,
49.3813

■ 82.5079, 88.3788,
95.5417

■ 48.9037, 35.3330,
40.6790

■ 88.4024, 96.5730,
108.5889

■ 44.9722, 29.5252,
33.0323

■ 41.8500, 25.0957,
26.3968

■ 39.4739, 21.9266,
20.7243

■ 37.7703, 19.8800,
15.9615

■ 36.6459, 18.7796,
12.0467

■ 36.3741, 18.5457,
11.0008

Harmonies

Analogous

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



64.6248, 62.0159, 80.3167



66.0899, 62.0159, 70.1150



65.5791, 62.0159, 60.1790

Triad

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



66.0899, 62.0159, 70.1150



56.3202, 62.0159, 50.8031



54.8328, 62.0159, 84.5571

Complementary

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



66.0899, 62.0159, 70.1150



65.8140, 76.9488, 79.7942

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.



52.7727, 62.0159, 75.4452



66.0899, 62.0159, 70.1150



53.6067, 62.0159, 56.1688

Square

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



66.0899, 62.0159, 70.1150



59.8419, 62.0159, 49.6873



52.3332, 62.0159, 64.9991



58.0556, 62.0159, 89.1897

Rectangle

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



66.0899, 62.0159, 70.1150



64.1962, 62.0159, 54.9579



52.3332, 62.0159, 64.9991



53.9868, 62.0159, 81.8747

Sweetspot

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



66.0917, 62.0187, 70.1163



89.8598, 91.6305, 100.9706



64.5999, 60.8589, 87.6998



19.0830, 19.3704, 21.3796



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.



66.0917, 62.0187, 70.1163



76.1686, 69.7800, 79.3525



65.3671, 63.4392, 61.0277



15.2991, 15.1475, 16.8601



20.1076, 10.2457, 6.3679



1.6242, 0.8227, 0.7386

Inverse Universe

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



66.0917, 62.0187, 70.1163



76.1686, 69.7800, 79.3525



66.5766, 75.1322, 90.3507



15.2991, 15.1475, 16.8601



20.1076, 10.2457, 6.3679



1.6242, 0.8227, 0.7386

Previews

White Background



This preview shows how the XYZ color 66.0899, 62.0159, 70.1150 looks on a white background.

Color Contrast Check

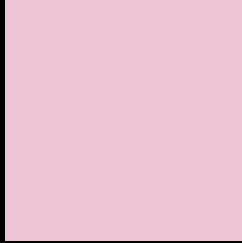
Large Text (above 18pt) WCAG AA × Fail

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 66.0899, 62.0159, 70.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

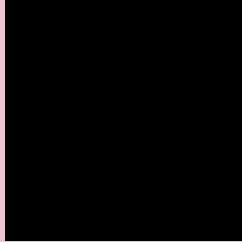
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0899, 62.0159, 70.1150

Background



This preview shows how black text looks on a background with the XYZ color 66.0899, 62.0159, 70.1150.



This preview shows how white text looks on a background with the XYZ color 66.0899, 62.0159,

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

66.0899, 62.0159, 70.1150

Protanopia

60.0878, 61.9378, 74.4339

Deuteranopia

63.3385, 61.9692, 69.5957



Tritanopia

66.0899, 62.0159, 70.1150

Trichromacy



Original Color

66.0899, 62.0159, 70.1150

Protanomaly

62.2997, 62.0528, 72.9838

Deuteranomaly

64.3694, 62.1580, 69.5778

Tritanomaly

66.0899, 62.0159, 70.1150

Monochromacy



Original Color

66.0899, 62.0159, 70.1150

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6776, 63.3759, 69.9021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0899, 62.0159, 70.1150 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, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 211)  
}
```

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, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 211) }
```

Border

The CSS property to change the border of an element to XYZ 66.0899, 62.0159, 70.1150 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, 196, 211) }
```


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

```
.border{ border-color:rgb(236, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 196, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 196, 211); box-shadow:4px 4px 4px 4px rgb(236, 196, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0899, 62.0159, 70.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 211) }
```

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

```
.background{ background-color: rgb(236,  
196, 211) }
```

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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