

Converting Colors

XYZ(66.9639, 62.0436, 74.0953)

Have a look what the booklet for
XYZ(66.9639, 62.0436, 74.0953)
contains.

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Color

**XYZ(66.9645, 62.0445,
74.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC3D9
RGB	237, 195, 217
RGB Percent	93%, 76%, 85%
CMY	0.0706, 0.2353, 0.1490
CMYK	0.00, 0.18, 0.08, 0.07
HSL	329°, 54%, 85%
HSV	329°, 18%, 93%
XYZ	66.9645, 62.0445, 74.0920
YIQ	210.0660, 17.9700, 15.7460

Conversions

Conversions Part 2

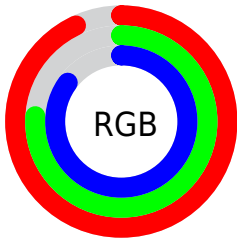
Format	Color
R_{YB}	237, 195, 217
Decimal	15582169
CIE _{Lab}	82.94, 18.46, -5.33
CIE _{LCh}	83, 19.212, 343.884
Yxy	62.0445, 0.3297, 0.3055
Android (android.graphics.Color)	4293772249 (0xFFEDC3D9)
YUV	210.0660, 3.4185, 23.6211
Hunter-Lab	78.7683, 13.9063, -0.6322

Details

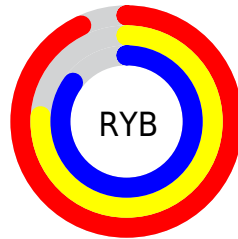
The XYZ color **66.9645, 62.0445, 74.0920** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0580, 77.0783, 75.7423**, and the grayscale version is **61.2734, 64.4644, 70.2017**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **35.1025, 31.4821, 38.4090** is the 20% darker color. If you saturate the color by 10%, you get **60.6520, 51.6884, 64.9910**, and if you desaturate by 10%, it is **74.2238, 74.1318, 84.0055**.

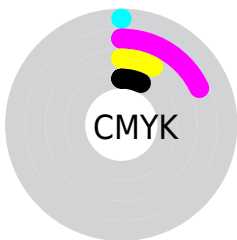
Distribution



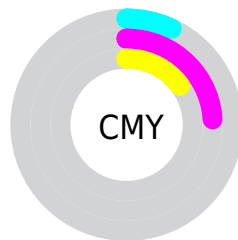
- Red (93%)
- Green (76%)
- Blue (85%)



- Red (93%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9645, 62.0445, 74.0920 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 66.9645, 62.0445, 74.0920 by changing the saturation by 10% instead.

66.9645, 62.0445,
74.0920

66.9645, 62.0445,
74.0920

439.2529,
432.0934, 493.9627

49.3264, 45.0687,
54.3721

113.9196,
107.7898, 126.7615

35.0940, 31.5115,
38.5040

143.9673,
137.3281, 160.5481

23.9022, 20.9887,
26.0693

178.8823,
171.8227, 199.8607

15.3854, 13.1157,
16.6492

219.0298,
211.6579, 245.1179

9.1784, 7.5083,
9.8254

264.7752,
257.2182, 296.7381

4.9158, 3.7820,
5.1793


316.4840,

2.2322, 1.5524,


308.8880, 355.1400


2.2922


374.5214,
367.0516, 420.7420


 0.7596, 0.3252,
0.7269


 0.0000, 0.0000,
0.0000


 66.9645, 62.0445,
74.0920


 66.9645, 62.0445,
74.0920


 60.6520, 51.6884,
64.9910


 74.2238, 74.1318,
84.0055


 55.2392, 42.9752,
56.6747

 82.4635, 88.0168,
94.7501

 50.6831, 35.8210,
49.1195

 88.0762, 96.4810,
105.1332

 46.9346, 30.1314,
42.2984

 88.7354, 96.7447,
108.6045

■ 43.9396, 25.8014,
36.1827

■ 41.6368, 22.7120,
30.7406

■ 39.9543, 20.7234,
25.9364

■ 38.7957, 19.6467,
21.7260

■ 38.5718, 19.4633,
20.8366

Harmonies

Analogous

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



64.6707, 62.0445, 85.3790



66.9645, 62.0445, 74.0920



67.0520, 62.0445, 62.2253

Triad

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



66.9645, 62.0445, 74.0920



57.0795, 62.0445, 47.7315



53.4116, 62.0445, 84.6463

Complementary

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



66.9645, 62.0445, 74.0920



65.0580, 77.0783, 75.7423

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.



51.5677, 62.0445, 73.1826



66.9645, 62.0445, 74.0920



53.6173, 62.0445, 52.4037

Square

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



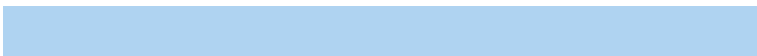
66.9645, 62.0445, 74.0920



61.2115, 62.0445, 47.9143



51.6412, 62.0445, 61.4160



56.7867, 62.0445, 91.9430

Rectangle

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



66.9645, 62.0445, 74.0920



65.8385, 62.0445, 55.6125



51.6412, 62.0445, 61.4160



52.5993, 62.0445, 81.0974

Sweetspot

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



66.9663, 62.0473, 74.0933



90.1542, 91.7482, 102.5212



62.7106, 59.5343, 88.3076



19.1545, 19.3990, 21.7562



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.



66.9663, 62.0473, 74.0933



76.4442, 68.9284, 83.7690



64.4518, 61.0414, 60.8521



15.3950, 15.1859, 17.3656



21.1255, 10.6529, 11.7282



1.7075, 0.8559, 1.1768

Inverse Universe

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



66.9663, 62.0473, 74.0933



76.4442, 68.9284, 83.7690



67.8740, 78.2047, 90.5710



15.3950, 15.1859, 17.3656



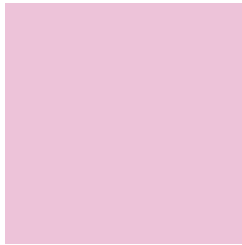
21.1255, 10.6529, 11.7282



1.7075, 0.8559, 1.1768

Previews

White Background



This preview shows how the XYZ color 66.9645, 62.0445, 74.0920 looks on a white background.

Color Contrast Check

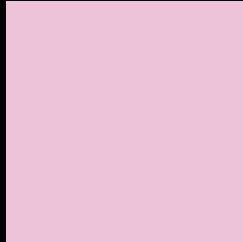
Large Text (above 18pt) WCAG AA × Fail

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 66.9645, 62.0445, 74.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

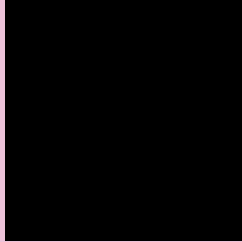
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9645, 62.0445, 74.0920

Background



This preview shows how black text looks on a background with the XYZ color 66.9645, 62.0445, 74.0920.



This preview shows how white text looks on a background with the XYZ color 66.9645, 62.0445,

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

66.9645, 62.0445, 74.0920

Protanopia

60.6042, 62.1122, 78.6067

Deuteranopia

63.7127, 62.4191, 73.6558



Tritanopia

66.0899, 62.0159, 70.1150

Trichromacy



Original Color

66.9645, 62.0445, 74.0920

Protanomaly

62.5531, 61.7455, 77.0278

Deuteranomaly

64.8130, 62.2987, 73.5746

Tritanomaly

66.3422, 62.1168, 71.4439

Monochromacy



Original Color

66.9645, 62.0445, 74.0920

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.3568, 63.6824, 71.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9645, 62.0445, 74.0920 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(237, 195, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 217)  
}
```

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(237, 195, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 217) }
```

Border

The CSS property to change the border of an element to XYZ 66.9645, 62.0445, 74.0920 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(237, 195, 217) }
```


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

```
.border{ border-color:rgb(237, 195, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 195, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9645, 62.0445, 74.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 217) }
```

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

```
.background{ background-color: rgb(237,  
195, 217) }
```

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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