

Converting Colors

XYZ(66.0749, 62.2916, 87.8978)

Have a look what the booklet for
XYZ(66.0749, 62.2916, 87.8978)
contains.

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Color

**XYZ(66.0749, 62.2916,
87.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C6EC
RGB	224, 198, 236
RGB Percent	88%, 78%, 93%
CMY	0.1216, 0.2235, 0.0745
CMYK	0.05, 0.16, 0.00, 0.07
HSL	281°, 50%, 85%
HSV	281°, 16%, 93%
XYZ	66.0749, 62.2916, 87.8978
YIQ	210.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

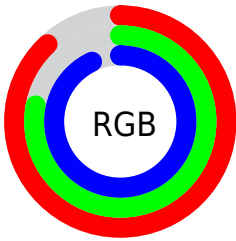
Format	Color
RYB	224, 198, 236
Decimal	14730988
CIELab	83.07, 15.91, -15.42
CIELCh	83, 22.156, 315.907
Yxy	62.2916, 0.3055, 0.2880
Android (android.graphics.Color)	4292921068 (0xFFE0C6EC)
YUV	210.1060, 12.7657, 12.1850
Hunter-Lab	78.9250, 11.3188, -10.7830

Details

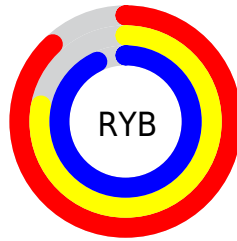
The XYZ color **66.0749, 62.2916, 87.8978** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.7690, 77.7713, 64.9214**, and the grayscale version is **61.2471, 64.4367, 70.1716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5737, 31.6768, 47.4720** is the 20% darker color. If you saturate the color by 10%, you get **58.8362, 51.1677, 86.1331**, and if you desaturate by 10%, it is **74.2590, 75.1540, 89.9501**.

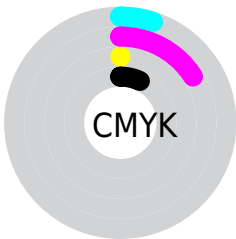
Distribution



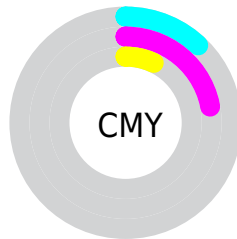
- Red (88%)
- Green (78%)
- Blue (93%)



- Red (88%)
- Yellow (78%)
- Blue (93%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0749, 62.2916, 87.8978 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 66.0749, 62.2916, 87.8978 by changing the saturation by 10% instead.

66.0749, 62.2916,
87.8978

66.0749, 62.2916,
87.8978

436.1291,
432.9940, 541.5611

48.6011, 45.2684,
65.6746

112.6510,
108.1469, 146.3248

34.5164, 31.6689,
47.5535

142.4840,
137.7477, 183.3656

23.4554, 21.1087,
33.1159

177.1674,
172.3098, 226.1826

15.0526, 13.2035,
21.9434

217.0667,
212.2176, 275.1945

8.9429, 7.5688,
13.6174

262.5472,
257.8556, 330.8198

4.7608, 3.8203,
7.7194

313.9742,

2.1409, 1.5736,

309.6080, 393.4770

3.8307

371.7130,
367.8593, 463.5846

■ 0.7113, 0.3397,
1.5329

■ 0.0000, 0.0000,
0.2423

■ 66.0749, 62.2916,
87.8978

■ 66.0749, 62.2916,
87.8978

■ 58.8362, 51.1677,
86.1331

■ 74.2590, 75.1540,
89.9501

■ 52.4973, 41.6959,
84.6390

■ 83.4205, 89.8200,
92.2980

■ 47.0169, 33.7947,
83.4027

■ 89.0332, 97.2344,
93.4333

■ 42.3480, 27.3719,
82.4091

■ 91.7055, 98.6119,
93.5584

■ 38.4387, 22.3258,
81.6412

■ 92.1405, 98.8362,
93.5788

■ 35.2304, 18.5415,
81.0798

■ 32.6551, 15.8846,
80.7027

■ 30.6283, 14.1888,
80.4822

■ 29.9336, 13.6823,
80.4211

Harmonies

Analogous

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



61.7682, 62.2916, 96.5059



66.0749, 62.2916, 87.8978



68.6021, 62.2916, 74.4569

Triad

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



66.0749, 62.2916, 87.8978



61.4788, 62.2916, 45.3115



50.7782, 62.2916, 75.3189

Complementary

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



66.0749, 62.2916, 87.8978



66.7690, 77.7713, 64.9214

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.



50.7101, 62.2916, 61.5990



66.0749, 62.2916, 87.8978



56.7162, 62.2916, 45.4769

Square

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



66.0749, 62.2916, 87.8978



65.8532, 62.2916, 50.5801



52.8310, 62.2916, 51.0674



53.0224, 62.2916, 88.6018

Rectangle

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



66.0749, 62.2916, 87.8978



68.8545, 62.2916, 65.1449



52.8310, 62.2916, 51.0674



50.5044, 62.2916, 70.5775

Sweetspot

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



66.0768, 62.2943, 87.8992



89.6507, 91.3775, 107.5203



61.4863, 64.1742, 88.5040



19.0316, 19.3086, 22.9738



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.



66.0768, 62.2943, 87.8992



76.0871, 70.1006, 104.1283



68.9355, 63.8827, 82.8518



15.2253, 15.0614, 19.0269



16.6396, 7.6139, 44.3356



1.4054, 0.6488, 3.4860

Inverse Universe

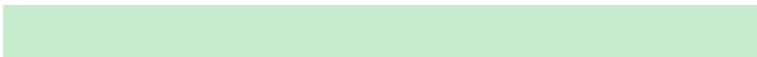
The Inverse Universe completely reimagines the original color for something new.



66.4211, 62.8769, 69.6113



76.6088, 70.9338, 78.6562



64.3018, 76.4044, 69.0977



15.2614, 15.1324, 16.6620



19.8107, 10.1270, 4.8045



1.5978, 0.8121, 0.5992

Previews

White Background



This preview shows how the XYZ color 66.0749, 62.2916, 87.8978 looks on a white background.

Color Contrast Check

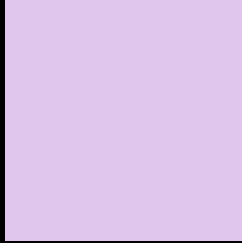
Large Text (above 18pt) WCAG AA × Fail

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 66.0749, 62.2916, 87.8978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

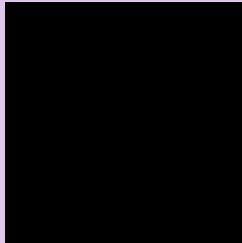
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0749, 62.2916, 87.8978

Background



This preview shows how black text looks on a background with the XYZ color 66.0749, 62.2916, 87.8978.



This preview shows how white text looks on a background with the XYZ color 66.0749, 62.2916,

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

66.0749, 62.2916, 87.8978

Protanopia

61.5279, 62.2929, 91.9999

Deuteranopia

63.8475, 62.5354, 87.3027



Tritanopia

63.2298, 62.1552, 74.3102

Trichromacy



Original Color

66.0749, 62.2916, 87.8978

Protanomaly

62.9950, 62.0284, 90.3138

Deuteranomaly

64.7955, 62.6769, 87.2800

Tritanomaly

64.2330, 62.2200, 79.1452

Monochromacy



Original Color

66.0749, 62.2916, 87.8978

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.8818, 63.7042, 75.9997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0749, 62.2916, 87.8978 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(224, 198, 236)` looks like.

```
.text, #text, p{  
    color:rgb(224, 198, 236)  
}
```

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(224, 198, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 198, 236) }
```

Border

The CSS property to change the border of an element to XYZ 66.0749, 62.2916, 87.8978 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(224, 198, 236) }
```


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

```
.border{ border-color:rgb(224, 198, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 198, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 198, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 198, 236); box-shadow:4px 4px 4px 4px rgb(224, 198, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0749, 62.2916, 87.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 198, 236) }
```

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

```
.background{ background-color: rgb(224,  
198, 236) }
```

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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