

Converting Colors

XYZ(66.6244, 70.1874, 76.8777)

Have a look what the booklet for
XYZ(66.6244, 70.1874, 76.8777)
contains.

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Color

**XYZ(66.4729, 70.0090,
77.0274)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DADB
RGB	217, 218, 219
RGB Percent	85%, 85%, 86%
CMY	0.1490, 0.1451, 0.1412
CMYK	0.01, 0.00, 0.00, 0.14
HSL	210°, 3%, 85%
HSV	210°, 1%, 86%
XYZ	66.4729, 70.0090, 77.0274
YIQ	217.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

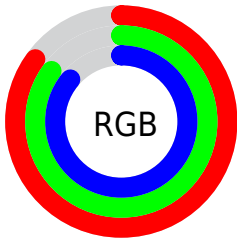
Format	Color
R _Y B	217, 218, 219
Decimal	14277339
CIE Lab	87.00, -0.15, -0.62
CIE LCh	87, 0.637, 256.152
Yxy	70.0090, 0.3113, 0.3279
Android (android.graphics.Color)	4292467419 (0xFFD9DADB)
YUV	217.8150, 0.5842, -0.7148
Hunter-Lab	83.6714, -4.6152, 3.9879

Details

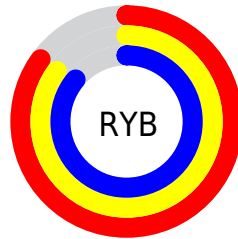
The XYZ color **66.4729, 70.0090, 77.0274** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8094, 70.2119, 75.6778**, and the grayscale version is **66.5114, 69.9752, 76.2030**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6983, 36.5561, 40.3492** is the 20% darker color. If you saturate the color by 10%, you get **57.6539, 61.4015, 75.8318**, and if you desaturate by 10%, it is **76.3460, 79.4404, 78.3285**.

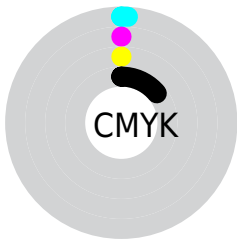
Distribution



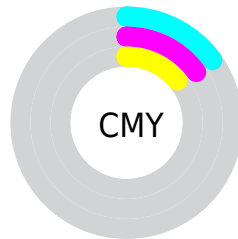
- Red (85%)
- Green (85%)
- Blue (86%)



- Red (85%)
- Yellow (85%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4729, 70.0090, 77.0274 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 66.4729, 70.0090, 77.0274 by changing the saturation by 10% instead.

■ 66.4729, 70.0090,
77.0274

■ 66.4729, 70.0090,
77.0274

437.5283,
460.5816, 504.2976

■ 48.9255, 51.5339,
56.7637

113.2188,
119.2216, 130.9515

■ 34.7747, 36.6337,
40.4074

143.1480,
150.7278, 165.4490

■ 23.6551, 24.9240,
27.5402

177.9352,
187.3466, 205.5281

■ 15.2013, 16.0204,
17.7433

217.9457,
229.4622, 251.6075

■ 9.0480, 9.5386,
10.5983

263.5449,
277.4592, 304.1055

■ 4.8299, 5.0941,
5.6867

315.0982,

■ 2.1815, 2.3026,

331.7218, 363.4409

2.5898

372.9708,
392.6344, 430.0321

■ 0.7330, 0.7751,
0.8872

■ 0.0000, 0.0000,
0.0000

■ 66.4729, 70.0090,
77.0274

■ 66.4729, 70.0090,
77.0274

■ 57.6539, 61.4015,
75.8318

■ 76.3460, 79.4404,
78.3285

■ 49.8458, 53.5843,
74.7345

■ 85.1356, 88.5930,
79.6319

■ 43.0108, 46.5347,
73.7340

■ 88.4418, 95.2054,
80.7340

■ 37.1066, 40.2250,
72.8273

■ 89.7864, 97.8946,
81.1822

■ 32.0875, 34.6261,
72.0112

■ 27.9034, 29.7060,
71.2820

■ 24.4991, 25.4301,
70.6361

■ 21.8115, 21.7594,
70.0693

■ 19.7661, 18.6486,
69.5766

Harmonies

Analogous

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



66.3432, 70.0090, 76.8212



66.4729, 70.0090, 77.0274



66.6212, 70.0090, 77.0188

Triad

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



66.4729, 70.0090, 77.0274



66.8170, 70.0090, 75.9999



66.3350, 70.0090, 75.6609

Complementary

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



66.4729, 70.0090, 77.0274



66.8094, 70.2119, 75.6778

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.



66.4618, 70.0090, 75.4424



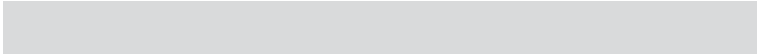
66.4729, 70.0090, 77.0274



66.7401, 70.0090, 75.6376

Square

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



66.4729, 70.0090, 77.0274



66.8200, 70.0090, 76.4245



66.6101, 70.0090, 75.4340



66.2636, 70.0090, 76.0317

Rectangle

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



66.4729, 70.0090, 77.0274



66.7106, 70.0090, 76.8924



66.6101, 70.0090, 75.4340



66.3726, 70.0090, 75.5672

Sweetspot

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



66.4749, 70.0120, 77.0289

95.0500, 100.0000, 108.9000



66.5984, 70.4761, 76.4010



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4749, 70.0120, 77.0289



93.7141, 98.7116, 108.7217



66.2240, 69.5103, 76.9453



14.5270, 15.3006, 16.8398



10.9906, 9.8506, 41.0605



0.7982, 0.8105, 2.6888

Inverse Universe

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



66.6827, 69.7491, 76.2816



94.0380, 98.3022, 107.5569



67.0617, 70.7166, 75.7619



14.5740, 15.2412, 16.6710



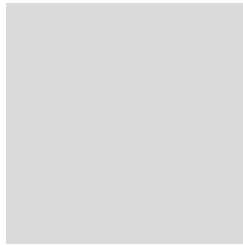
19.0429, 9.6182, 9.8717



1.2772, 0.6405, 0.8686

Previews

White Background



This preview shows how the XYZ color 66.4729, 70.0090, 77.0274 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 66.4729, 70.0090, 77.0274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

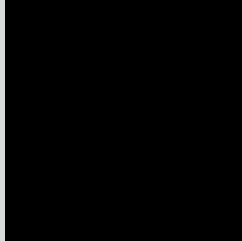
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

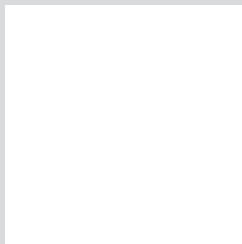
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4729, 70.0090, 77.0274

Background



This preview shows how black text looks on a background with the XYZ color 66.4729, 70.0090, 77.0274.

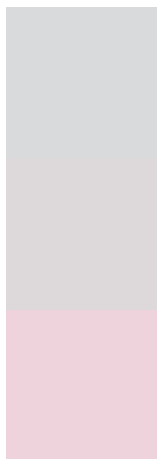


This preview shows how white text looks on a background with the XYZ color 66.4729, 70.0090,

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

66.4729, 70.0090, 77.0274

Protanopia

67.2865, 70.0598, 76.3062

Deuteranopia

71.4724, 69.9330, 77.4416



Tritanopia

68.4773, 70.0550, 87.0036

Trichromacy



Original Color

66.4729, 70.0090, 77.0274

Protanomaly

66.9829, 69.9033, 76.2920

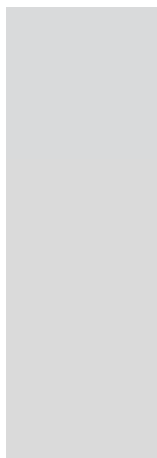
Deuteranomaly

69.5980, 70.0834, 77.5694

Tritanomaly

67.7299, 70.1326, 83.3660

Monochromacy



Original Color

66.4729, 70.0090, 77.0274

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.6397, 70.1102, 76.3500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4729, 70.0090, 77.0274 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(217, 218, 219) looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 219)  
}
```

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(217, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.4729, 70.0090, 77.0274 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(217, 218, 219) }
```

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

```
.border{ border-color:rgb(217, 218, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
219) }
```


Background

The CSS property to change the background color of an element to XYZ 66.4729, 70.0090, 77.0274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 219) }
```

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

```
.background{ background-color: rgb(217,  
218, 219) }
```

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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