

Converting Colors

XYZ(66.3897, 70.2143, 77.1549)

Have a look what the booklet for
XYZ(66.3897, 70.2143, 77.1549)
contains.

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Color

**XYZ(66.4366, 70.3764,
77.1003)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DBDB
RGB	216, 219, 219
RGB Percent	85%, 86%, 86%
CMY	0.1529, 0.1412, 0.1412
CMYK	0.01, 0.00, 0.00, 0.14
HSL	180°, 4%, 85%
HSV	180°, 1%, 86%
XYZ	66.4366, 70.3764, 77.1003
YIQ	218.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

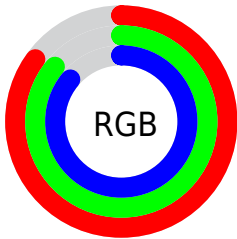
Format	Color
RYP	216, 218, 219
Decimal	14212059
CIELab	87.18, -1.01, -0.36
CIElCh	87, 1.073, 199.884
Yxy	70.3764, 0.3106, 0.3290
Android (android.graphics.Color)	4292402139 (0xFFD8DBDB)
YUV	218.1030, 0.4422, -1.8443
Hunter-Lab	83.8906, -5.4468, 4.2325

Details

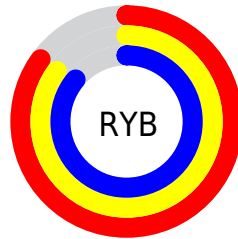
The XYZ color **66.4366, 70.3764, 77.1003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1665, 69.1315, 74.8255**, and the grayscale version is **66.7112, 70.1854, 76.4319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6742, 36.8083, 40.3991** is the 20% darker color. If you saturate the color by 10%, you get **60.3900, 67.2616, 76.8013**, and if you desaturate by 10%, it is **73.3496, 73.9418, 77.4427**.

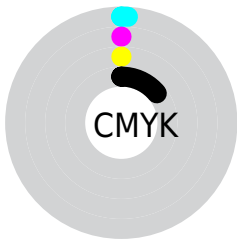
Distribution



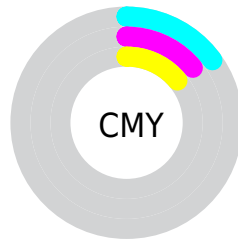
- Red (85%)
- Green (86%)
- Blue (86%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4366, 70.3764, 77.1003 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 66.4366, 70.3764, 77.1003 by changing the saturation by 10% instead.

■ 66.4366, 70.3764,
77.1003

■ 66.4366, 70.3764,
77.1003

437.4008,
461.8705, 504.5527

■ 48.8959, 51.8335,
56.8231

113.1670,
119.7454, 131.0554

■ 34.7511, 36.8723,
40.4549

143.0874,
151.3402, 165.5703

■ 23.6368, 25.1087,
27.5769

177.8652,
188.0544, 205.6684

■ 15.1877, 16.1580,
17.7707

217.8656,
230.2724, 251.7679

■ 9.0384, 9.6361,
10.6177

263.4540,
278.3787, 304.2876

■ 4.8236, 5.1583,
5.6995

314.9957,

■ 2.1778, 2.3405,

332.7575, 363.6459

2.5974

372.8562,
393.7933, 430.2614

■ 0.7310, 0.7950,
0.8911

■ 0.0000, 0.0000,
0.0000

■ 66.4366, 70.3764,
77.1003

■ 66.4366, 70.3764,
77.1003

■ 60.3900, 67.2616,
76.8013

■ 73.3496, 73.9418,
77.4427

■ 55.1699, 64.5709,
76.5396

■ 79.3659, 77.0429,
77.7418

■ 50.7422, 62.2888,
76.3149

■ 79.3693, 77.0443,
77.7594

■ 47.0682, 60.3951,
76.1255

■ 79.3726, 77.0456,
77.7770

44.1059, 58.8684,
75.9694

79.3760, 77.0469,
77.7946

41.8091, 57.6848,
75.8445

79.3793, 77.0483,
77.8123

40.1265, 56.8177,
75.7483

79.3827, 77.0496,
77.8299

38.9989, 56.2368,
75.6781

79.3860, 77.0510,
77.8475

38.3557, 55.9056,
75.6306

79.3894, 77.0523,
77.8652

Harmonies

Analogous

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



66.4154, 70.3764, 76.3848



66.4366, 70.3764, 77.1003



66.5793, 70.3764, 77.6927

Triad

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



66.4366, 70.3764, 77.1003



67.2614, 70.3764, 77.5244



66.9757, 70.3764, 75.2716

Complementary

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



66.4366, 70.3764, 77.1003



66.1665, 69.1315, 74.8255

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.



67.2030, 70.3764, 75.5729



66.4366, 70.3764, 77.1003



67.3682, 70.3764, 76.8716

Square

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



66.4366, 70.3764, 77.1003



67.0554, 70.3764, 77.9387



67.3468, 70.3764, 76.1575



66.7262, 70.3764, 75.3320

Rectangle

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



66.4366, 70.3764, 77.1003



66.7244, 70.3764, 77.9367



67.3468, 70.3764, 76.1575



67.0572, 70.3764, 75.3339

Sweetspot

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



66.4386, 70.3794, 77.1018

95.0500, 100.0000, 108.9000



66.0619, 70.2304, 75.0408



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.



66.4386, 70.3794, 77.1018



93.1976, 99.0451, 108.8083



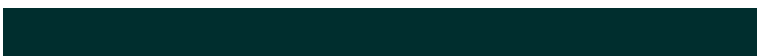
66.0619, 69.6254, 76.9786



14.4521, 15.3488, 16.8523



22.5825, 33.0656, 44.8282



1.4632, 2.1422, 2.9053

Inverse Universe

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



66.1665, 69.1315, 74.8255



92.6351, 96.4653, 104.1024



66.5397, 69.8785, 74.9477



14.3705, 14.9748, 16.1700



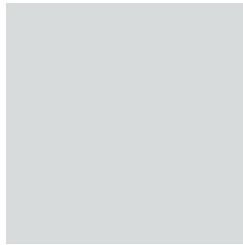
17.3233, 8.9303, 0.8165



1.1225, 0.5786, 0.0541

Previews

White Background



This preview shows how the XYZ color 66.4366, 70.3764, 77.1003 looks on a white background.

Color Contrast Check

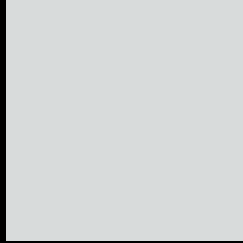
Large Text (above 18pt) WCAG AA × Fail

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 66.4366, 70.3764, 77.1003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

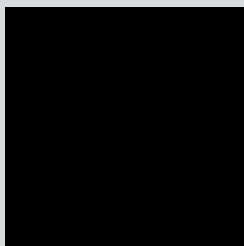
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

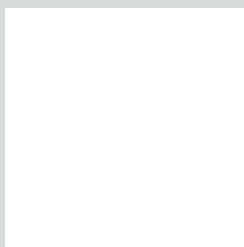
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4366, 70.3764, 77.1003

Background



This preview shows how black text looks on a background with the XYZ color 66.4366, 70.3764, 77.1003.

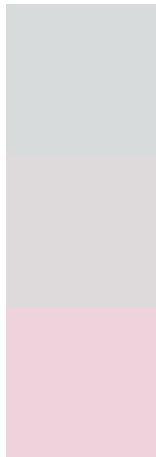


This preview shows how white text looks on a background with the XYZ color 66.4366, 70.3764,

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

66.4366, 70.3764, 77.1003

Protanopia

67.5919, 70.2173, 76.3205

Deuteranopia

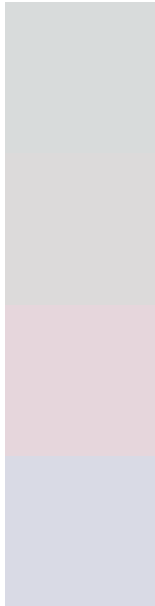
71.6053, 69.9861, 78.1413



Tritanopia

68.5776, 70.4716, 87.8299

Trichromacy



Original Color

66.4366, 70.3764, 77.1003

Protanomaly

67.2415, 70.4204, 76.3782

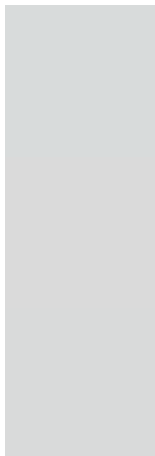
Deuteranomaly

69.5980, 70.0834, 77.5694

Tritanomaly

67.8295, 70.5517, 84.1716

Monochromacy



Original Color

66.4366, 70.3764, 77.1003

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.3416, 69.9565, 76.3360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4366, 70.3764, 77.1003 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(216, 219, 219) looks like.

```
.text, #text, p{  
    color:rgb(216, 219, 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(216, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.4366, 70.3764, 77.1003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

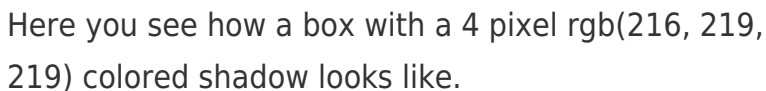
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 219, 219) }
```

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

```
.border{ border-color:rgb(216, 219, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 219, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 219, 219); box-shadow:4px 4px 4px 4px rgb(216, 219, 219) }
```


Background

The CSS property to change the background color of an element to XYZ 66.4366, 70.3764, 77.1003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 219, 219) }
```

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

```
.background{ background-color: rgb(216,  
219, 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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