

Converting Colors

XYZ(61.8999, 64.5345, 77.0984)

Have a look what the booklet for
XYZ(61.8999, 64.5345, 77.0984)
contains.

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Color

**XYZ(61.9773, 64.6704,
76.9262)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D2DC
RGB	208, 210, 220
RGB Percent	82%, 82%, 86%
CMY	0.1843, 0.1765, 0.1372
CMYK	0.05, 0.05, 0.00, 0.14
HSL	230°, 15%, 84%
HSV	230°, 5%, 86%
XYZ	61.9773, 64.6704, 76.9262
YIQ	210.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

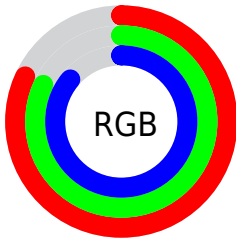
Format	Color
R _Y B	208, 210, 220
Decimal	13685468
CIE Lab	84.31, 1.19, -5.17
CIE LCh	84, 5.310, 282.979
Yxy	64.6704, 0.3044, 0.3177
Android (android.graphics.Color)	4291875548 (0xFFD0D2DC)
YUV	210.5420, 4.6628, -2.2293
Hunter-Lab	80.4179, -3.1631, -0.4231

Details

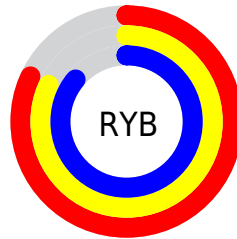
The XYZ color **61.9773, 64.6704, 76.9262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9719, 69.9119, 69.6929**, and the grayscale version is **61.5888, 64.7962, 70.5631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0064, 33.3636, 40.3502** is the 20% darker color. If you saturate the color by 10%, you get **51.9474, 53.1645, 75.2350**, and if you desaturate by 10%, it is **73.3871, 77.6606, 78.8332**.

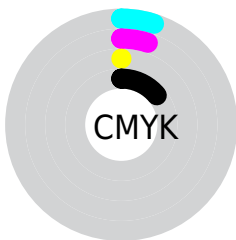
Distribution



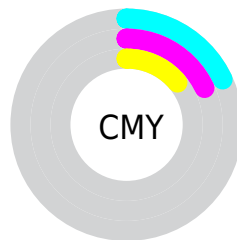
- Red (82%)
- Green (82%)
- Blue (86%)



- Red (82%)
- Yellow (82%)
- Blue (86%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9773, 64.6704, 76.9262 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 61.9773, 64.6704, 76.9262 by changing the saturation by 10% instead.

■ 61.9773, 64.6704,
76.9262

■ 61.9773, 64.6704,
76.9262

421.5672,
441.6066, 503.9433

■ 45.2699, 47.1939,
56.6811

106.7828,
111.5759, 130.8074

■ 31.8722, 33.1889,
40.3416

135.6117,
141.7736, 165.2805

■ 21.4190, 22.2712,
27.4892

169.2117,
176.9805, 205.3334

■ 13.5448, 14.0563,
17.7053

207.9483,
217.5810, 251.3846

■ 7.8844, 8.1599,
10.5714

252.1868,
263.9594, 303.8527

■ 4.0722, 4.1974,
5.6689

302.2925,

■ 1.7431, 1.7846,

316.5003, 363.1561

2.5793

358.6309,
375.5878, 429.7135

■ 0.4830, 0.4775,
0.8817

■ 0.0000, 0.0000,
0.0000

■ 61.9773, 64.6704,
76.9262

■ 61.9773, 64.6704,
76.9262

■ 51.9474, 53.1645,
75.2350

■ 73.3871, 77.6606,
78.8332

■ 43.2394, 43.0816,
73.7477

■ 86.2209, 92.1769,
80.9587

■ 35.7991, 34.3684,
72.4581

■ 89.9185, 97.9474,
81.8776

■ 29.5667, 26.9652,
71.3576

■ 24.4774, 20.8077,
70.4373

■ 20.4600, 15.8259,
69.6875

■ 17.4355, 11.9430,
69.0974

■ 15.3130, 9.0723,
68.6551

■ 13.9842, 7.1131,
68.3470

Harmonies

Analogous

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



60.8067, 64.6704, 76.8007



61.9773, 64.6704, 76.9262



63.0241, 64.6704, 75.2675

Triad

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



61.9773, 64.6704, 76.9262



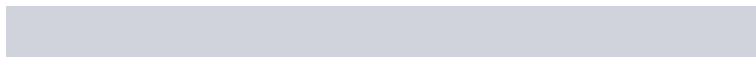
63.1391, 64.6704, 66.0854



59.3271, 64.6704, 68.5335

Complementary

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



61.9773, 64.6704, 76.9262



65.9719, 69.9119, 69.6929

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.



59.9363, 64.6704, 65.7758



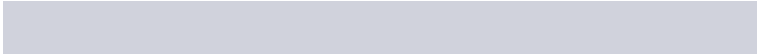
61.9773, 64.6704, 76.9262



62.1326, 64.6704, 64.3936

Square

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



61.9773, 64.6704, 76.9262



63.7006, 64.6704, 68.9684



60.9601, 64.6704, 64.2821



59.2868, 64.6704, 71.8818

Rectangle

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



61.9773, 64.6704, 76.9262



63.5069, 64.6704, 73.4030



60.9601, 64.6704, 64.2821



59.4718, 64.6704, 67.5093

Sweetspot

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



61.9792, 64.6731, 76.9276



91.8581, 96.3646, 108.3665



64.2354, 69.6488, 76.2515



19.6949, 20.6641, 23.2005



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.



61.9792, 64.6731, 76.9276



84.2235, 87.6470, 107.0863



62.5690, 64.2476, 76.8144



12.9337, 13.4480, 16.5662



8.0197, 3.9088, 40.0702



0.5743, 0.3628, 2.6142

Inverse Universe

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



63.7054, 64.9818, 70.1611



87.3151, 88.2143, 94.9643



65.3574, 70.3709, 69.8139



13.4441, 13.5424, 14.5649



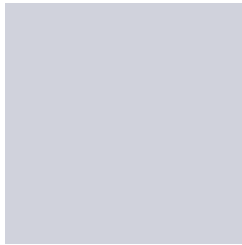
17.5433, 9.0184, 1.9750



1.1642, 0.5953, 0.2736

Previews

White Background



This preview shows how the XYZ color 61.9773, 64.6704, 76.9262 looks on a white background.

Color Contrast Check

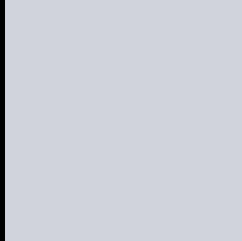
Large Text (above 18pt) WCAG AA × Fail

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 61.9773, 64.6704, 76.9262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

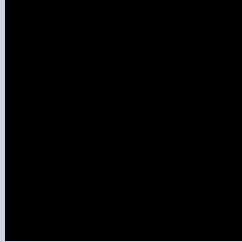
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

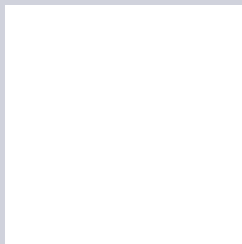
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9773, 64.6704, 76.9262

Background



This preview shows how black text looks on a background with the XYZ color 61.9773, 64.6704, 76.9262.

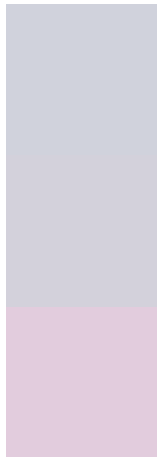


This preview shows how white text looks on a background with the XYZ color 61.9773, 64.6704,

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

61.9773, 64.6704, 76.9262

Protanopia

62.4506, 64.5643, 76.1885

Deuteranopia

66.0080, 64.5749, 77.3918



Tritanopia

62.8224, 64.6472, 81.1186

Trichromacy



Original Color

61.9773, 64.6704, 76.9262

Protanomaly

62.1650, 64.4170, 76.1751

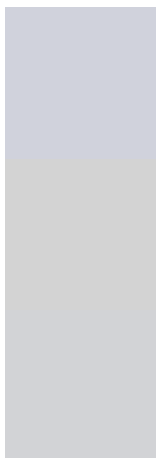
Deuteranomaly

64.3359, 64.4231, 77.4507

Tritanomaly

62.5495, 64.5381, 79.6814

Monochromacy



Original Color

61.9773, 64.6704, 76.9262

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0102, 65.1452, 72.9243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9773, 64.6704, 76.9262 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(208, 210, 220) looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 220)  
}
```

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(208, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.9773, 64.6704, 76.9262 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(208, 210, 220) }
```


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

```
.border{ border-color:rgb(208, 210, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 220);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9773, 64.6704, 76.9262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 220) }
```

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

```
.background{ background-color: rgb(208,  
210, 220) }
```

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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