

Converting Colors

XYZ(61.0265, 64.2275, 74.8273)

Have a look what the booklet for
XYZ(61.0265, 64.2275, 74.8273)
contains.

XYZ(61.0246, 64.2248, 74.8259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.0246, 64.2248,
74.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	CED2D9
RGB	206, 210, 217
RGB Percent	81%, 82%, 85%
CMY	0.1922, 0.1765, 0.1490
CMYK	0.05, 0.03, 0.00, 0.15
HSL	218°, 13%, 83%
HSV	218°, 5%, 85%
XYZ	61.0246, 64.2248, 74.8259
YIQ	209.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

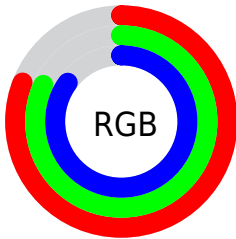
Format	Color
R _Y B	206, 209, 217
Decimal	13554393
CIE Lab	84.08, -0.05, -3.94
CIE LCh	84, 3.937, 269.344
Yxy	64.2248, 0.3050, 0.3210
Android (android.graphics.Color)	4291744473 (0xFFCED2D9)
YUV	209.6020, 3.6472, -3.1590
Hunter-Lab	80.1404, -4.3230, 0.7401

Details

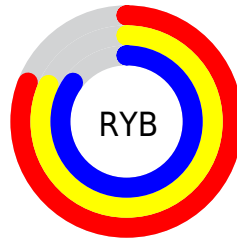
The XYZ color **61.0246, 64.2248, 74.8259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5502, 66.7958, 67.9370**, and the grayscale version is **60.9783, 64.1540, 69.8637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3589, 33.0610, 38.9110** is the 20% darker color. If you saturate the color by 10%, you get **52.1497, 54.8088, 73.4772**, and if you desaturate by 10%, it is **71.0289, 74.6629, 76.3144**.

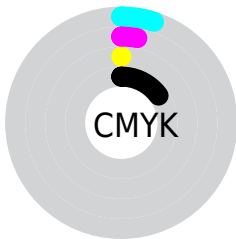
Distribution



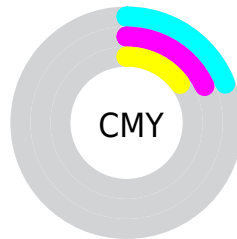
- Red (81%)
- Green (82%)
- Blue (85%)



- Red (81%)
- Yellow (82%)
- Blue (85%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0246, 64.2248, 74.8259 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 61.0246, 64.2248, 74.8259 by changing the saturation by 10% instead.

■ 61.0246, 64.2248,
74.8259

■ 61.0246, 64.2248,
74.8259

418.1387,
440.0010, 496.5584

■ 44.4976, 46.8328,
54.9694

105.4125,
110.9346, 127.8107

■ 31.2615, 32.9035,
38.9788

134.0041,
141.0212, 161.7761

■ 20.9509, 22.0525,
26.4355

167.3480,
176.1081, 201.2816

■ 13.2003, 13.8955,
16.9211

205.8094,
216.5797, 246.7456

■ 7.6446, 8.0480,
10.0169

249.7539,
262.8204, 298.5867

■ 3.9183, 4.1257,
5.3044

299.5467,

■ 1.6560, 1.7441,

315.2146, 357.2236

2.3651

355.5532,
374.1466, 423.0746

■ 0.4285, 0.4520,
0.7673

■ 0.0000, 0.0000,
0.0000

■ 61.0246, 64.2248,
74.8259

■ 61.0246, 64.2248,
74.8259

■ 52.1497, 54.8088,
73.4772

■ 71.0289, 74.6629,
76.3144

■ 44.3574, 46.3744,
72.2599

■ 82.1960, 86.1456,
77.9422

■ 37.6055, 38.8904,
71.1712

■ 88.3906, 95.5220,
79.4255

■ 31.8473, 32.3207,
70.2066

■ 89.5246, 97.7898,
79.8035

■ 27.0317, 26.6265,
69.3613

■ 23.1033, 21.7662,
68.6302

■ 19.9998, 17.6940,
68.0078

■ 17.6503, 14.3585,
67.4878

■ 15.9692, 11.7000,
67.0633

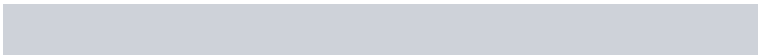
Harmonies

Analogous

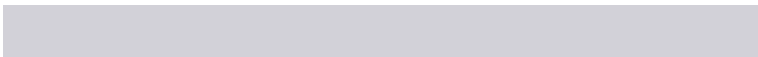
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1956, 64.2248, 74.1286



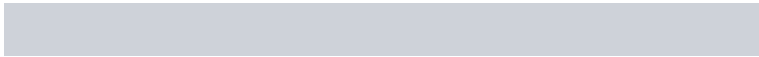
61.0246, 64.2248, 74.8259



61.8664, 64.2248, 74.1856

Triad

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



61.0246, 64.2248, 74.8259



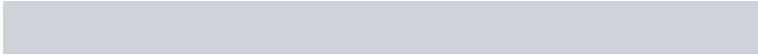
62.5122, 64.2248, 67.6105



59.6173, 64.2248, 67.5177

Complementary

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



61.0246, 64.2248, 74.8259



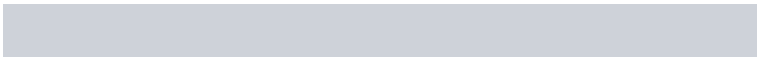
63.5502, 66.7958, 67.9370

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.



60.2284, 64.2248, 65.8401



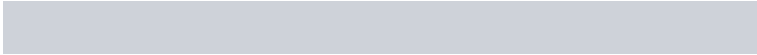
61.0246, 64.2248, 74.8259



61.8999, 64.2248, 65.8928

Square

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



61.0246, 64.2248, 74.8259



62.7302, 64.2248, 69.9847



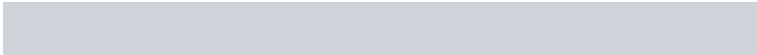
61.0629, 64.2248, 65.2522



59.3878, 64.2248, 69.8751

Rectangle

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



61.0246, 64.2248, 74.8259



62.3204, 64.2248, 73.0949



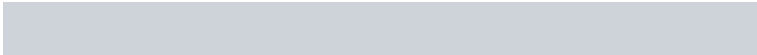
61.0629, 64.2248, 65.2522



59.7846, 64.2248, 66.8576

Sweetspot

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



61.0265, 64.2275, 74.8273



92.1724, 96.9933, 108.4713



62.2735, 67.5510, 72.6861



19.7589, 20.7921, 23.2218



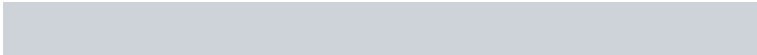
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.0265, 64.2275, 74.8273



86.6171, 91.1602, 107.6382



60.4594, 62.4862, 74.5211



13.3000, 13.9974, 16.6529



9.3651, 6.5997, 40.5187



0.6871, 0.5883, 2.6518

Inverse Universe

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



62.3209, 63.5487, 69.9575



88.8343, 90.0127, 99.2933



64.1356, 68.6109, 68.2565



13.6737, 13.8055, 15.2462



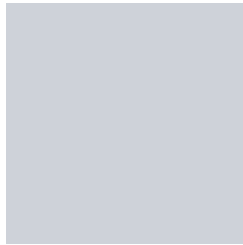
18.2224, 9.2900, 5.5513



1.2211, 0.6181, 0.5732

Previews

White Background



This preview shows how the XYZ color 61.0246, 64.2248, 74.8259 looks on a white background.

Color Contrast Check

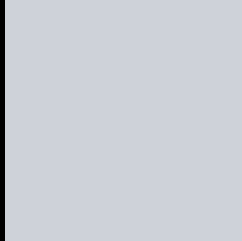
Large Text (above 18pt) WCAG AA × Fail

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 61.0246, 64.2248, 74.8259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

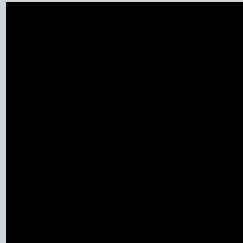
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

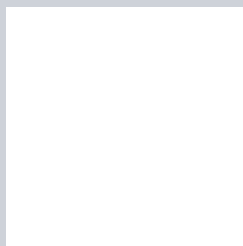
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0246, 64.2248, 74.8259

Background



This preview shows how black text looks on a background with the XYZ color 61.0246, 64.2248, 74.8259.

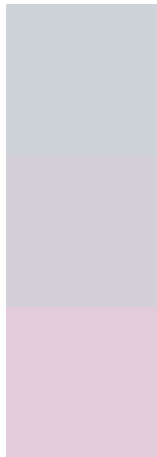


This preview shows how white text looks on a background with the XYZ color 61.0246, 64.2248,

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

61.0246, 64.2248, 74.8259

Protanopia

61.8145, 63.9185, 74.0453

Deuteranopia

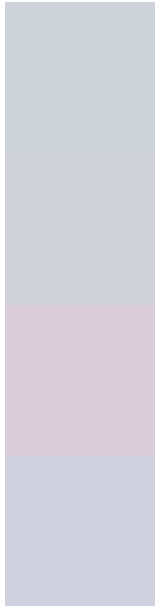
65.3749, 63.9426, 75.2262



Tritanopia

62.1232, 64.3026, 80.3716

Trichromacy



Original Color

61.0246, 64.2248, 74.8259

Protanomaly

61.4896, 64.1141, 74.1002

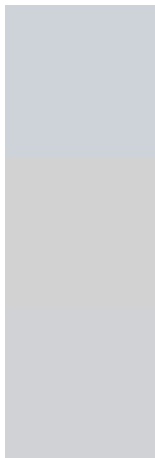
Deuteranomaly

63.9396, 64.2646, 75.3640

Tritanomaly

61.7174, 64.1403, 78.2347

Monochromacy



Original Color

61.0246, 64.2248, 74.8259

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3513, 64.4526, 72.1578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0246, 64.2248, 74.8259 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(206, 210, 217) looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 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(206, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.0246, 64.2248, 74.8259 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(206, 210, 217) }
```


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

```
.border{ border-color:rgb(206, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 210,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0246, 64.2248, 74.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 217) }
```

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

```
.background{ background-color: rgb(206,  
210, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor