

Converting Colors

XYZ(60.3557, 63.1624, 74.7606)

Have a look what the booklet for
XYZ(60.3557, 63.1624, 74.7606)
contains.

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Color

**XYZ(60.2571, 63.1006,
74.6494)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD0D9
RGB	205, 208, 217
RGB Percent	80%, 82%, 85%
CMY	0.1961, 0.1843, 0.1490
CMYK	0.06, 0.04, 0.00, 0.15
HSL	225°, 14%, 83%
HSV	225°, 6%, 85%
XYZ	60.2571, 63.1006, 74.6494
YIQ	208.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

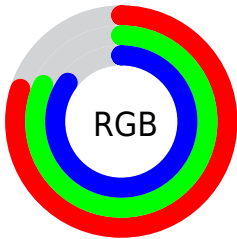
Format	Color
R _Y B	205, 207, 217
Decimal	13488345
CIE Lab	83.50, 0.67, -4.81
CIE LCh	83, 4.857, 277.939
Yxy	63.1006, 0.3043, 0.3187
Android (android.graphics.Color)	4291678425 (0xFFCDD0D9)
YUV	208.1290, 4.3734, -2.7441
Hunter-Lab	79.4359, -3.6094, -0.1123

Details

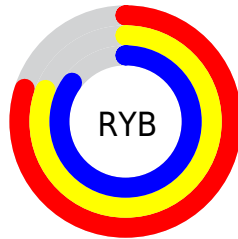
The XYZ color **60.2571, 63.1006, 74.6494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6815, 67.2521, 67.3833**, and the grayscale version is **60.0141, 63.1395, 68.7589**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8397, 32.2991, 38.7914** is the 20% darker color. If you saturate the color by 10%, you get **50.9164, 52.6972, 73.1346**, and if you desaturate by 10%, it is **70.8386, 74.7512, 76.3414**.

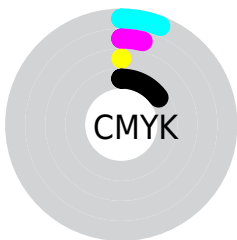
Distribution



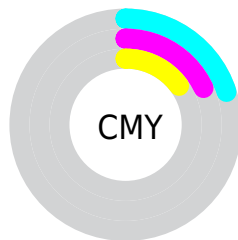
- Red (80%)
- Green (82%)
- Blue (85%)



- Red (80%)
- Yellow (81%)
- Blue (85%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2571, 63.1006, 74.6494 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 60.2571, 63.1006, 74.6494 by changing the saturation by 10% instead.

■ 60.2571, 63.1006,
74.6494

■ 60.2571, 63.1006,
74.6494

415.3644,
435.9345, 495.9349

■ 43.8762, 45.9226,
54.8257

104.3068,
109.3146, 127.5585

■ 30.7706, 32.1847,
38.8645

132.7062,
139.1195, 161.4809

■ 20.5752, 21.5027,
26.3473

165.8425,
173.9020, 200.9401

■ 12.9246, 13.4919,
16.8556

204.0810,
214.0467, 246.3545

■ 7.4533, 7.7681,
9.9707

247.7871,
259.9379, 298.1426

■ 3.7960, 3.9470,
5.2742

297.3261,

■ 1.5874, 1.6439,

311.9600, 356.7230

2.3475

353.0634,
370.4974, 422.5142

■ 0.3842, 0.3869,
0.7576

■ 0.0000, 0.0000,
0.0000

■ 60.2571, 63.1006,
74.6494

■ 60.2571, 63.1006,
74.6494

■ 50.9164, 52.6972,
73.1346

■ 70.8386, 74.7512,
76.3414

■ 42.7648, 43.4911,
71.7873

■ 82.6991, 87.6807,
78.2120

■ 35.7551, 35.4405,
70.6028

■ 89.5246, 97.7898,
79.8035

■ 29.8346, 28.4984,
69.5749

■ 24.9465, 22.6142,
68.6968

■ 21.0285, 17.7333,
67.9612

■ 18.0113, 13.7959,
67.3602

■ 15.8154, 10.7347,
66.8851

■ 14.3458, 8.4721,
66.5258

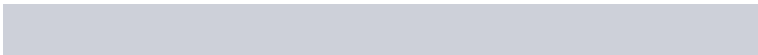
Harmonies

Analogous

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



59.2131, 63.1006, 74.2576



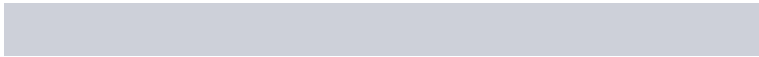
60.2571, 63.1006, 74.6494



61.2368, 63.1006, 73.4120

Triad

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



60.2571, 63.1006, 74.6494



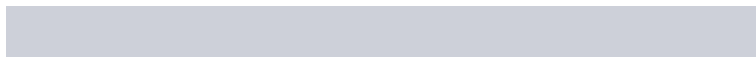
61.5967, 63.1006, 65.1799



58.1065, 63.1006, 66.5371

Complementary

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



60.2571, 63.1006, 74.6494



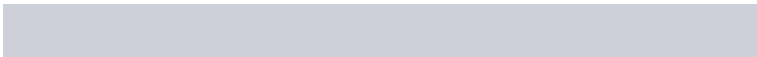
63.6815, 67.2521, 67.3833

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.



58.7311, 63.1006, 64.2052



60.2571, 63.1006, 74.6494



60.7439, 63.1006, 63.4379

Square

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



60.2571, 63.1006, 74.6494



62.0162, 63.1006, 67.9030



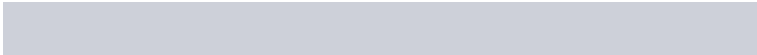
59.6942, 63.1006, 63.0864



57.9796, 63.1006, 69.5150

Rectangle

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



60.2571, 63.1006, 74.6494



61.7188, 63.1006, 71.8505



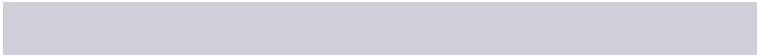
59.6942, 63.1006, 63.0864



58.2648, 63.1006, 65.6543

Sweetspot

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



60.2589, 63.1033, 74.6508



91.9908, 96.6301, 108.4108



62.1028, 67.4507, 73.2316



19.7219, 20.7182, 23.2095



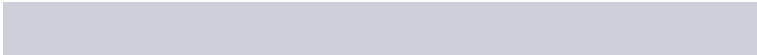
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.2589, 63.1033, 74.6508



84.6634, 88.5269, 107.2329



60.3130, 62.0545, 74.4455



13.0062, 13.5929, 16.5903



8.4599, 4.7892, 40.2169



0.6165, 0.4471, 2.6283

Inverse Universe

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



61.8332, 62.9697, 68.5730



87.5372, 88.3031, 96.1337



63.6233, 68.3608, 67.6004



13.4806, 13.5570, 14.7575



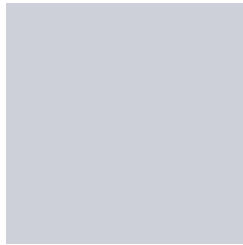
17.7655, 9.1072, 3.1452



1.1855, 0.6038, 0.3857

Previews

White Background



This preview shows how the XYZ color 60.2571, 63.1006, 74.6494 looks on a white background.

Color Contrast Check

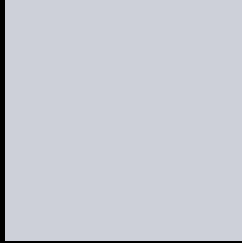
Large Text (above 18pt) WCAG AA × Fail

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 60.2571, 63.1006, 74.6494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

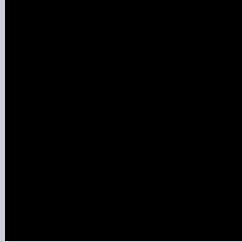
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

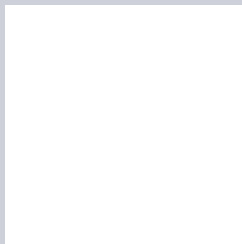
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2571, 63.1006, 74.6494

Background



This preview shows how black text looks on a background with the XYZ color 60.2571, 63.1006, 74.6494.

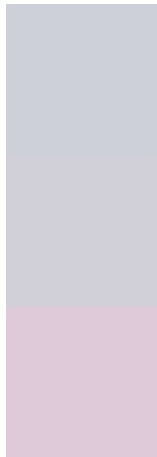


This preview shows how white text looks on a background with the XYZ color 60.2571, 63.1006,

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

60.2571, 63.1006, 74.6494

Protanopia

61.0020, 63.1388, 73.9376

Deuteranopia

64.2068, 62.9910, 75.1041



Tritanopia

61.0857, 63.0752, 78.7672

Trichromacy



Original Color

60.2571, 63.1006, 74.6494

Protanomaly

60.7199, 62.9934, 73.9244

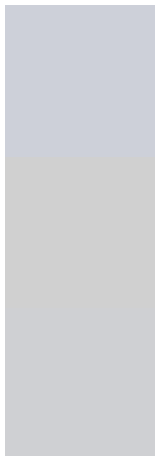
Deuteranomaly

62.5667, 62.8466, 75.1627

Tritanomaly

60.8176, 62.9679, 77.3552

Monochromacy



Original Color

60.2571, 63.1006, 74.6494

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0459, 63.0803, 70.6390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2571, 63.1006, 74.6494 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(205, 208, 217) looks like.

```
.text, #text, p{  
    color:rgb(205, 208, 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(205, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 208, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.2571, 63.1006, 74.6494 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(205, 208, 217) }
```


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

```
.border{ border-color:rgb(205, 208, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 208,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2571, 63.1006, 74.6494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 208, 217) }
```

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

```
.background{ background-color: rgb(205,  
208, 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](#).

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