

Converting Colors

XYZ(58.5994, 62.2393, 72.9988)

Have a look what the booklet for
XYZ(58.5994, 62.2393, 72.9988)
contains.

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Color

**XYZ(58.6410, 62.2974,
73.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D0D7
RGB	200, 208, 215
RGB Percent	78%, 82%, 84%
CMY	0.2157, 0.1843, 0.1569
CMYK	0.07, 0.03, 0.00, 0.16
HSL	208°, 16%, 81%
HSV	208°, 7%, 84%
XYZ	58.6410, 62.2974, 73.2239
YIQ	206.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

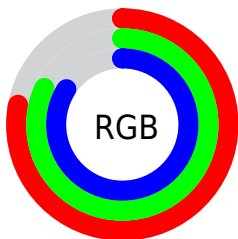
Format	Color
R _Y B	200, 205, 215
Decimal	13160663
CIE Lab	83.07, -1.38, -4.41
CIE LCh	83, 4.621, 252.670
Yxy	62.2974, 0.3020, 0.3209
Android (android.graphics.Color)	4291350743 (0xFFC8D0D7)
YUV	206.4060, 4.2368, -5.6181
Hunter-Lab	78.9287, -5.5066, 0.2454

Details

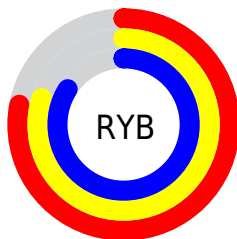
The XYZ color **58.6410, 62.2974, 73.2239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7627, 63.2423, 63.6490**, and the grayscale version is **58.9047, 61.9724, 67.4879**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7548, 31.7603, 37.8198** is the 20% darker color. If you saturate the color by 10%, you get **50.9299, 54.8080, 72.1857**, and if you desaturate by 10%, it is **67.3178, 70.5176, 74.3542**.

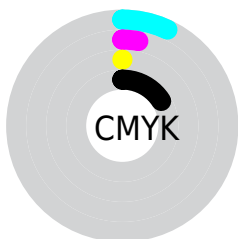
Distribution



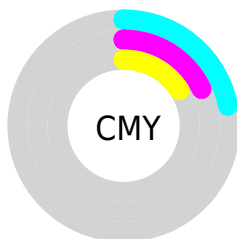
- Red (78%)
- Green (82%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6410, 62.2974, 73.2239 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 58.6410, 62.2974, 73.2239 by changing the saturation by 10% instead.

■ 58.6410, 62.2974,
73.2239

■ 58.6410, 62.2974,
73.2239

409.4857,
433.0151, 490.8820

■ 42.5694, 45.2730,
53.6661

101.9733,
108.1552, 125.5189

■ 29.7405, 31.6726,
37.9434

129.9648,
137.7575, 159.0932

■ 19.7888, 21.1115,
25.6373

162.6603,
172.3212, 198.1767

■ 12.3490, 13.2055,
16.3292

200.4252,
212.2308, 243.1880

■ 7.0557, 7.5702,
9.6005

243.6248,
257.8705, 294.5457

■ 3.5436, 3.8212,
5.0328

292.6246,

■ 1.4473, 1.5741,

309.6249, 352.6682

2.2074

347.7897,
367.8783, 417.9741

■ 0.2896, 0.3400,
0.6787

■ 0.0000, 0.0000,
0.0000

■ 58.6410, 62.2974,
73.2239

■ 58.6410, 62.2974,
73.2239

■ 50.9299, 54.8080,
72.1857

■ 67.3178, 70.5176,
74.3542

■ 44.1428, 48.0186,
71.2329

■ 76.9892, 79.4824,
75.5748

■ 38.2427, 41.9074,
70.3643

■ 84.1069, 87.3683,
76.7218

■ 33.1878, 36.4486,
69.5771

■ 87.1101, 93.3746,
77.7229

■ 28.9330, 31.6141,
68.8682

■ 89.2659, 97.6864,
78.4415

■ 25.4282, 27.3734,
68.2344

■ 22.6172, 23.6927,
67.6721

■ 20.4348, 20.5331,
67.1772

■ 18.7960, 17.8457,
66.7449

Harmonies

Analogous

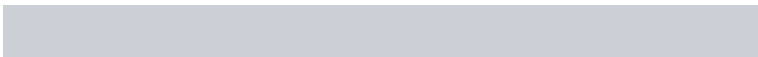
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.8095, 62.2974, 71.6317



58.6410, 62.2974, 73.2239



59.6345, 62.2974, 73.3459

Triad

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



58.6410, 62.2974, 73.2239



61.1073, 62.2974, 66.6309



57.9184, 62.2974, 63.8631

Complementary

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



58.6410, 62.2974, 73.2239



60.7627, 63.2423, 63.6490

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.



58.7912, 62.2974, 62.6002



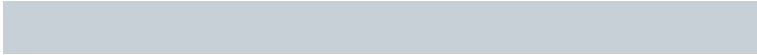
58.6410, 62.2974, 73.2239



60.6366, 62.2974, 64.1677

Square

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



58.6410, 62.2974, 73.2239



61.0660, 62.2974, 69.4846



59.7863, 62.2974, 62.7101



57.3956, 62.2974, 66.2044

Rectangle

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



58.6410, 62.2974, 73.2239



60.2556, 62.2974, 72.5723



59.7863, 62.2974, 62.7101



58.1802, 62.2974, 63.3014

Sweetspot

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



58.6428, 62.3000, 73.2253



92.4443, 97.5371, 108.5619



59.3528, 65.3740, 68.3625



19.8142, 20.9028, 23.2403



0.0000, 0.0000, 0.0000



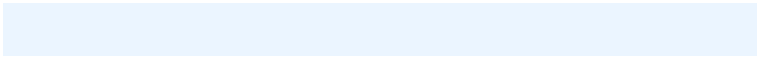
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6428, 62.3000, 73.2253



84.9782, 90.4125, 107.5803



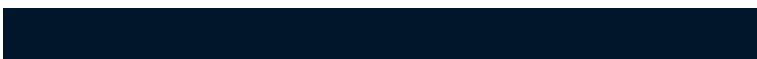
56.9145, 58.8435, 72.6492



12.2858, 13.0949, 15.8176



11.0910, 10.4437, 39.8844



0.7515, 0.7950, 2.4331

Inverse Universe

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



60.0651, 60.3109, 68.1530



87.3894, 87.0701, 98.9748



62.5605, 66.8380, 64.2482



12.6974, 12.5305, 14.3469



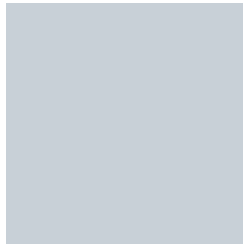
18.6571, 9.3991, 10.7641



1.1670, 0.5836, 0.8686

Previews

White Background



This preview shows how the XYZ color 58.6410, 62.2974, 73.2239 looks on a white background.

Color Contrast Check

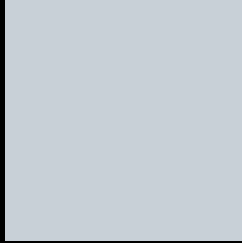
Large Text (above 18pt) WCAG AA × Fail

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 58.6410, 62.2974, 73.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

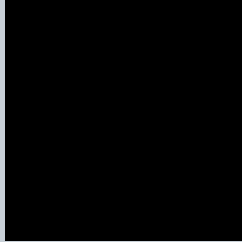
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

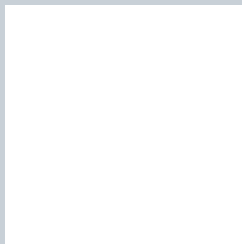
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6410, 62.2974, 73.2239

Background



This preview shows how black text looks on a background with the XYZ color 58.6410, 62.2974, 73.2239.

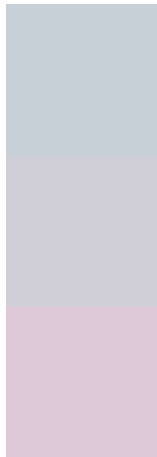


This preview shows how white text looks on a background with the XYZ color 58.6410, 62.2974,

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

58.6410, 62.2974, 73.2239

Protanopia

60.2213, 62.4075, 72.4902

Deuteranopia

63.4055, 62.2608, 73.6414



Tritanopia

59.7195, 62.3709, 78.7033

Trichromacy



Original Color

58.6410, 62.2974, 73.2239

Protanomaly

59.6273, 62.4598, 72.5316

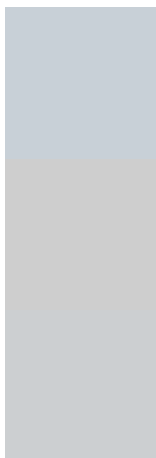
Deuteranomaly

61.7191, 62.4397, 73.7649

Tritanomaly

59.3185, 62.2105, 76.5915

Monochromacy



Original Color

58.6410, 62.2974, 73.2239

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7233, 62.0665, 69.2066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6410, 62.2974, 73.2239 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(200, 208, 215) looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 215)  
}
```

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(200, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.6410, 62.2974, 73.2239 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(200, 208, 215) }
```


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

```
.border{ border-color:rgb(200, 208, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 215);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6410, 62.2974, 73.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 215) }
```

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

```
.background{ background-color: rgb(200,  
208, 215) }
```

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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