

Converting Colors

XYZ(63.1304, 69.3741, 80.5842)

Have a look what the booklet for
XYZ(63.1304, 69.3741, 80.5842)
contains.

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Color

**XYZ(63.1304, 69.3741,
80.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DDE0
RGB	200, 221, 224
RGB Percent	78%, 87%, 88%
CMY	0.2157, 0.1333, 0.1216
CMYK	0.11, 0.01, 0.00, 0.12
HSL	187°, 28%, 83%
HSV	187°, 11%, 88%
XYZ	63.1304, 69.3741, 80.5842
YIQ	215.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

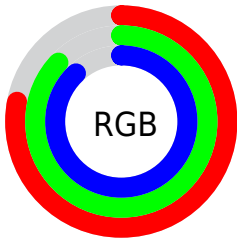
Format	Color
R _Y B	200, 211, 224
Decimal	13164000
CIE Lab	86.69, -6.37, -3.86
CIE LCh	87, 7.451, 211.193
Yxy	69.3741, 0.2963, 0.3256
Android (android.graphics.Color)	4291354080 (0xFFC8DDE0)
YUV	215.0630, 4.4059, -13.2103
Hunter-Lab	83.2911, -10.4656, 0.9407

Details

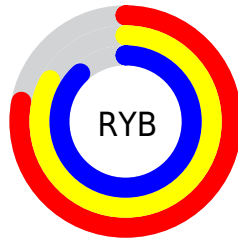
The XYZ color **63.1304, 69.3741, 80.5842** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5220, 62.7289, 63.4573**, and the grayscale version is **64.6133, 67.9782, 74.0282**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6517, 36.2480, 42.8118** is the 20% darker color. If you saturate the color by 10%, you get **56.8490, 65.0506, 80.0818**, and if you desaturate by 10%, it is **70.3046, 74.1799, 81.1348**.

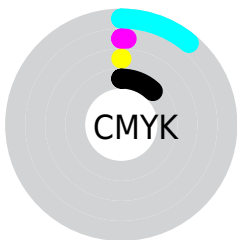
Distribution



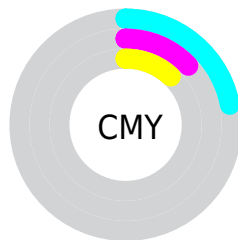
- Red (78%)
- Green (87%)
- Blue (88%)



- Red (78%)
- Yellow (83%)
- Blue (88%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1304, 69.3741, 80.5842 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 63.1304, 69.3741, 80.5842 by changing the saturation by 10% instead.

■ 63.1304, 69.3741,
80.5842

■ 63.1304, 69.3741,
80.5842

425.6947,
458.3493, 516.6580

■ 46.2058, 51.0164,
59.6702

108.4384,
118.3157, 136.0056

■ 32.6135, 36.2217,
42.7293

137.5524,
149.6685, 171.3501

■ 21.9884, 24.6055,
29.3430

171.4603,
186.1218, 212.3418

■ 13.9649, 15.7834,
19.0926

210.5274,
228.0599, 259.3993

■ 8.1778, 9.3710,
11.5597

255.1190,
275.8674, 312.9411

■ 4.2617, 4.9839,
6.3258

305.6005,

■ 1.8512, 2.2378,

329.9285, 373.3859

2.9722

362.3373,
390.6276, 441.1520

■ 0.5482, 0.7405,
1.0804

■ 0.0000, 0.0000,
0.0000

■ 63.1304, 69.3741,
80.5842

■ 63.1304, 69.3741,
80.5842

■ 56.8490, 65.0506,
80.0818

■ 70.3046, 74.1799,
81.1348

■ 51.4163, 61.1810,
79.6213

■ 78.4014, 79.4777,
81.7306

■ 46.7936, 57.7470,
79.2021

■ 82.8236, 82.8997,
82.1580

■ 42.9367, 54.7258,
78.8222

■ 83.6056, 84.4635,
82.4187

■ 39.7972, 52.0923,
78.4794

■ 84.4000, 86.0524,
82.6835

■ 37.3208, 49.8185,
78.1710

■ 85.2071, 87.6665,
82.9525

■ 35.4457, 47.8724,
77.8942

■ 86.0268, 89.3059,
83.2257

■ 34.0982, 46.2159,
77.6455

■ 86.8592, 90.9707,
83.5032

■ 33.2021, 44.8765,
77.4342

■ 87.7043, 92.6610,
83.7849

Harmonies

Analogous

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



62.6646, 69.3741, 75.7354



63.1304, 69.3741, 80.5842



64.3465, 69.3741, 84.2048

Triad

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



63.1304, 69.3741, 80.5842



68.8990, 69.3741, 80.2256



65.8687, 69.3741, 66.3978

Complementary

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



63.1304, 69.3741, 80.5842



62.5220, 62.7289, 63.4573

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.



67.5555, 69.3741, 67.4847



63.1304, 69.3741, 80.5842



69.3235, 69.3741, 75.3382

Square

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



63.1304, 69.3741, 80.5842



67.6777, 69.3741, 83.9915



68.8276, 69.3741, 70.7043



64.2284, 69.3741, 67.6691

Rectangle

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



63.1304, 69.3741, 80.5842



65.4295, 69.3741, 85.3579



68.8276, 69.3741, 70.7043



66.4491, 69.3741, 66.4991

Sweetspot

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



63.1324, 69.3770, 80.5857



91.9874, 97.9699, 108.6696



61.2318, 69.8941, 66.6398



19.5180, 20.8556, 23.2468



0.0000, 0.0000, 0.0000



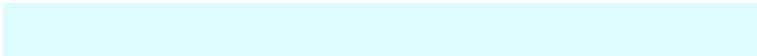
20.3446, 21.4041, 23.3091

Same Dimension

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



63.1324, 69.3770, 80.5857



82.5820, 91.6334, 107.9422



60.1246, 63.3615, 79.5832



13.9629, 15.2649, 17.5982



19.3840, 26.2375, 45.0911



1.3851, 1.9016, 3.1393

Inverse Universe

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



64.4474, 62.3777, 77.0534



84.7121, 80.3792, 102.2018



65.4164, 68.5177, 64.4221



14.2175, 13.9046, 16.9155



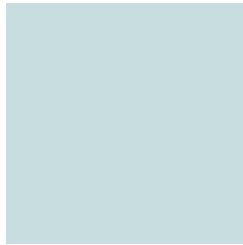
23.7243, 11.5567, 31.5438



1.6654, 0.8094, 2.2967

Previews

White Background



This preview shows how the XYZ color 63.1304, 69.3741, 80.5842 looks on a white background.

Color Contrast Check

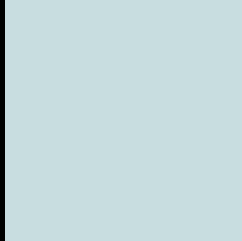
Large Text (above 18pt) WCAG AA × Fail

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 63.1304, 69.3741, 80.5842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

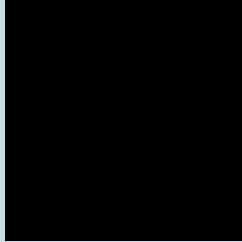
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1304, 69.3741, 80.5842

Background



This preview shows how black text looks on a background with the XYZ color 63.1304, 69.3741, 80.5842.



This preview shows how white text looks on a background with the XYZ color 63.1304, 69.3741,

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

63.1304, 69.3741, 80.5842

Protanopia

66.8204, 69.3923, 78.2788

Deuteranopia

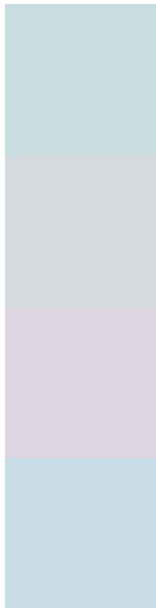
70.3783, 68.9078, 81.5427



Tritanopia

64.8290, 69.2757, 89.3116

Trichromacy



Original Color

63.1304, 69.3741, 80.5842

Protanomaly

65.4076, 69.4138, 79.0581

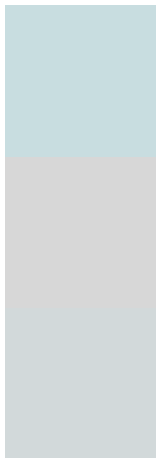
Deuteranomaly

67.4560, 68.9015, 80.9782

Tritanomaly

64.2461, 69.4301, 86.3591

Monochromacy



Original Color

63.1304, 69.3741, 80.5842

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.0461, 68.3893, 76.1545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1304, 69.3741, 80.5842 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, 221, 224) looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 224)  
}
```

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, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 224) }
```

Border

The CSS property to change the border of an element to XYZ 63.1304, 69.3741, 80.5842 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, 221, 224) }
```


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

```
.border{ border-color:rgb(200, 221, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1304, 69.3741, 80.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 224) }
```

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

```
.background{ background-color: rgb(200,  
221, 224) }
```

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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