

Converting Colors

XYZ(37.9644, 42.0427, 65.0402)

Have a look what the booklet for
XYZ(37.9644, 42.0427, 65.0402)
contains.

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Color

**XYZ(37.8303, 41.8348,
65.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB2CF
RGB	139, 178, 207
RGB Percent	55%, 70%, 81%
CMY	0.4549, 0.3019, 0.1882
CMYK	0.33, 0.14, 0.00, 0.19
HSL	206°, 41%, 68%
HSV	206°, 33%, 81%
XYZ	37.8303, 41.8348, 65.1125
YIQ	169.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

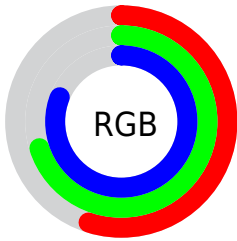
Format	Color
RYB	139, 164, 207
Decimal	9155279
CIELab	70.76, -6.16, -18.92
CIELCh	71, 19.896, 251.968
Yxy	41.8348, 0.2613, 0.2890
Android (android.graphics.Color)	4287345359 (0xFF8BB2CF)
YUV	169.6450, 18.4160, -26.8757
Hunter-Lab	64.6798, -8.7876, -14.4107

Details

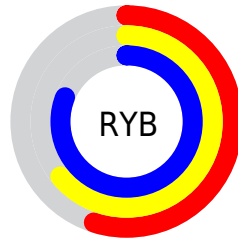
The XYZ color **37.8303, 41.8348, 65.1125** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **44.3955, 43.1350, 30.4131**, and the grayscale version is **37.9558, 39.9325, 43.4865**.

A 20% lighter version of the original color is **69.7210, 77.5350, 105.8988**, and **16.9211, 18.9456, 32.9020** is the 20% darker color. If you saturate the color by 10%, you get **32.9957, 36.8193, 64.3999**, and if you desaturate by 10%, it is **43.4349, 47.4170, 65.8953**.

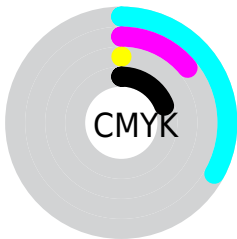
Distribution



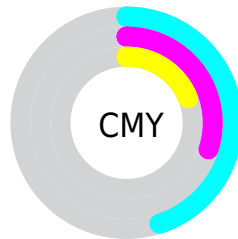
- Red (55%)
- Green (70%)
- Blue (81%)



- Red (55%)
- Yellow (64%)
- Blue (81%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8303, 41.8348, 65.1125 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 37.8303, 41.8348, 65.1125 by changing the saturation by 10% instead.

■ 37.8303, 41.8348,
65.1125

■ 37.8303, 41.8348,
65.1125

328.1849,
353.7977, 461.5134

■ 26.0276, 28.9720,
47.1004

■ 71.1535, 77.9495,
113.8264

■ 16.9771, 19.0596,
32.7601

■ 93.4048, 101.9702,
145.3653

■ 10.3134, 11.7134,
21.6731

■ 119.8696,
130.4790, 182.2502

■ 5.6711, 6.5488,
13.4209

150.9134,
163.8602, 224.8996

■ 2.6849, 3.1816,
7.5849

186.9015,
202.4983, 273.7321

■ 0.9894, 1.2272,
3.7466

228.1992,

■ 0.0000, 0.0838,

246.7776, 329.1662

1.4874

275.1719,
297.0826, 391.6204

■ 0.0000, 0.0000,
0.2085

■ 0.0000, 0.0000,
0.0000

■ 37.8303, 41.8348,
65.1125

■ 37.8303, 41.8348,
65.1125

■ 32.9957, 36.8193,
64.3999

■ 43.4349, 47.4170,
65.8953

■ 28.8882, 32.3424,
63.7523

■ 49.8419, 53.5827,
66.7477

■ 25.4660, 28.3802,
63.1679

■ 57.0862, 60.3539,
67.6729

■ 22.6814, 24.9048,
62.6438

■ 65.1996, 67.7498,
68.6728

■ 20.4796, 21.8845,
62.1769

■ 74.2121, 75.7887,
69.7495

■ 18.7950, 19.2821,
61.7634

■ 81.0696, 82.8990,
70.7604

■ 17.8270, 17.6338,
61.4962

■ 83.6025, 87.9649,
71.6048

■ 86.2619, 93.2835,
72.4912

■ 88.2626, 97.2850,
73.1581

Harmonies

Analogous

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



35.2281, 41.8348, 58.8188



37.8303, 41.8348, 65.1125



41.0933, 41.8348, 65.7461

Triad

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



37.8303, 41.8348, 65.1125



46.3001, 41.8348, 41.8849



35.6679, 41.8348, 33.3291

Complementary

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



37.8303, 41.8348, 65.1125



44.3955, 43.1350, 30.4131

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.



38.4611, 41.8348, 29.9832



37.8303, 41.8348, 65.1125



44.6707, 41.8348, 34.4454

Square

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



37.8303, 41.8348, 65.1125



46.1080, 41.8348, 51.4123



41.7599, 41.8348, 30.3614



34.0280, 41.8348, 40.1530

Rectangle

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



37.8303, 41.8348, 65.1125



43.2184, 41.8348, 62.7760



41.7599, 41.8348, 30.3614



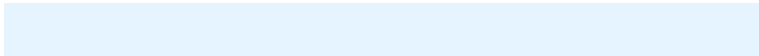
36.4963, 41.8348, 31.8058

Sweetspot

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



37.8316, 41.8364, 65.1135



82.9114, 88.7374, 107.3659



39.9671, 52.9178, 44.8296



17.4054, 18.6720, 22.9366



0.0000, 0.0000, 0.0000



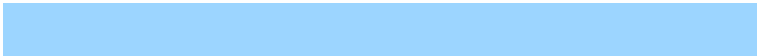
20.3446, 21.4041, 23.3091

Same Dimension

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



37.8316, 41.8364, 65.1135



55.3647, 61.6257, 103.5847



31.9854, 30.1440, 63.1647



11.7185, 12.5273, 15.0440



11.3272, 11.3011, 38.7768



0.7112, 0.7875, 2.1941

Inverse Universe

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



43.0017, 34.9460, 46.6002



65.0114, 49.6695, 68.8391



51.3575, 57.0591, 32.7338



12.0888, 11.9203, 13.7435



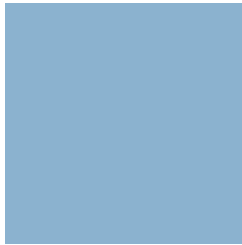
18.3482, 9.2121, 12.0057



1.0652, 0.5308, 0.8782

Previews

White Background



This preview shows how the XYZ color 37.8303, 41.8348, 65.1125 looks on a white background.

Color Contrast Check

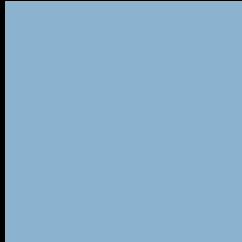
Large Text (above 18pt) WCAG AA × Fail

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 37.8303, 41.8348, 65.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

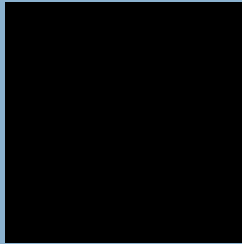
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8303, 41.8348, 65.1125

Background



This preview shows how black text looks on a background with the XYZ color 37.8303, 41.8348, 65.1125.



This preview shows how white text looks on a background with the XYZ color 37.8303, 41.8348,

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

37.8303, 41.8348, 65.1125

Protanopia

41.1599, 41.6056, 61.7384

Deuteranopia

42.4912, 41.6373, 66.1189



Tritanopia

36.3249, 41.8169, 57.7867

Trichromacy



Original Color

37.8303, 41.8348, 65.1125

Protanomaly

39.9398, 41.7998, 63.0899

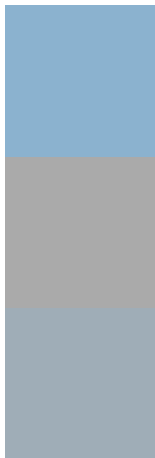
Deuteranomaly

40.4358, 41.4300, 65.5401

Tritanomaly

36.7454, 41.6821, 60.1416

Monochromacy



Original Color

37.8303, 41.8348, 65.1125

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7889, 40.6770, 50.6595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8303, 41.8348, 65.1125 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(139, 178, 207)` looks like.

```
.text, #text, p{  
    color:rgb(139, 178, 207)  
}
```

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(139, 178, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 178, 207) }
```

Border

The CSS property to change the border of an element to XYZ 37.8303, 41.8348, 65.1125 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(139, 178, 207) }
```


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

```
.border{ border-color:rgb(139, 178, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 178, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 178, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 178, 207);  
box-shadow:4px 4px 4px 4px rgb(139, 178,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8303, 41.8348, 65.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 178, 207) }
```

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

```
.background{ background-color: rgb(139,  
178, 207) }
```

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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