

Converting Colors

XYZ(40.8231, 43.3634, 65.8929)

Have a look what the booklet for
XYZ(40.8231, 43.3634, 65.8929)
contains.

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Color

**XYZ(40.8231, 43.3634,
65.8929)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB2D0
RGB	155, 178, 208
RGB Percent	61%, 70%, 82%
CMY	0.3921, 0.3019, 0.1843
CMYK	0.25, 0.14, 0.00, 0.18
HSL	214°, 36%, 71%
HSV	214°, 25%, 82%
XYZ	40.8231, 43.3634, 65.8929
YIQ	174.5430, -23.3380, 4.4540

Conversions

Conversions Part 2

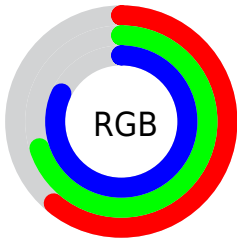
Format	Color
RYB	155, 171, 208
Decimal	10203856
CIELab	71.80, -1.21, -17.79
CIELCh	72, 17.830, 266.124
Yxy	43.3634, 0.2720, 0.2889
Android (android.graphics.Color)	4288393936 (0xFF9BB2D0)
YUV	174.5430, 16.4943, -17.1392
Hunter-Lab	65.8509, -4.5811, -13.2322

Details

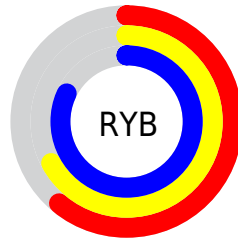
The XYZ color **40.8231, 43.3634, 65.8929** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.2783, 50.4746, 38.1567**, and the grayscale version is **40.4388, 42.5448, 46.3313**.

A 20% lighter version of the original color is **74.0512, 79.7673, 106.1015**, and **18.7599, 19.8839, 33.4211** is the 20% darker color. If you saturate the color by 10%, you get **34.9273, 36.9955, 64.9752**, and if you desaturate by 10%, it is **47.6103, 50.4914, 66.9117**.

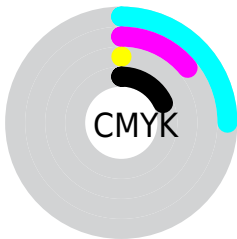
Distribution



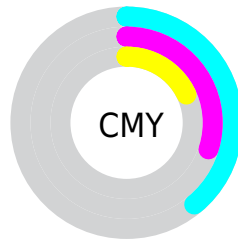
- Red (61%)
- Green (70%)
- Blue (82%)



- Red (61%)
- Yellow (67%)
- Blue (82%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (39%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8231, 43.3634, 65.8929 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 40.8231, 43.3634, 65.8929 by changing the saturation by 10% instead.

■ 40.8231, 43.3634,
65.8929

■ 40.8231, 43.3634,
65.8929

340.6560,
360.1041, 464.3875

■ 28.3679, 30.1703,
47.7295

■ 75.6917, 80.2590,
114.9581

■ 18.7451, 19.9679,
33.2543

■ 98.8358, 104.7303,
146.6971

■ 11.5891, 12.3717,
22.0486

126.2737,
133.7298, 183.7983

■ 6.5348, 6.9974,
13.6940

158.3706,
167.6418, 226.6804

■ 3.2166, 3.4605,
7.7718

195.4919,
206.8509, 275.7618

■ 1.2693, 1.3766,
3.8636

238.0030,

■ 0.1601, 0.1994,

251.7414, 331.4611

1.5508

286.2692,
302.6977, 394.1968

■ 0.0000, 0.0000,
0.2554

■ 0.0000, 0.0000,
0.0000

■ 40.8231, 43.3634,
65.8929

■ 40.8231, 43.3634,
65.8929

■ 34.9273, 36.9955,
64.9752

■ 47.6103, 50.4914,
66.9117

■ 29.8785, 31.3541,
64.1524

■ 55.3223, 58.4008,
68.0319

■ 25.6345, 26.4109,
63.4220

■ 63.9959, 67.1185,
69.2575

■ 22.1475, 22.1331,
62.7801

■ 73.6644, 76.6685,
70.5912

■ 19.3640, 18.4847,
62.2226

■ 82.8714, 86.3063,
71.9663

■ 17.2225, 15.4250,
61.7449

■ 86.3903, 93.3440,
73.1392

■ 15.6488, 12.9064,
61.3417

■ 88.3853, 97.3341,
73.8042

■ 15.0644, 11.9123,
61.1806

Harmonies

Analogous

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



38.0532, 43.3634, 62.4651



40.8231, 43.3634, 65.8929



43.8341, 43.3634, 63.8340

Triad

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



40.8231, 43.3634, 65.8929



46.6701, 43.3634, 40.2439



36.5659, 43.3634, 38.5134

Complementary

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



40.8231, 43.3634, 65.8929



49.2783, 50.4746, 38.1567

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.



38.7035, 43.3634, 33.7647



40.8231, 43.3634, 65.8929



44.5486, 43.3634, 34.6746

Square

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



40.8231, 43.3634, 65.8929



47.3050, 43.3634, 48.3521



41.6106, 43.3634, 32.4498



35.6726, 43.3634, 46.0966

Rectangle

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



40.8231, 43.3634, 65.8929



45.5589, 43.3634, 59.7480



41.6106, 43.3634, 32.4498



37.1575, 43.3634, 36.5706

Sweetspot

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



40.8244, 43.3651, 65.8939



84.3655, 89.1871, 107.3760



44.7418, 55.5482, 53.7946



17.6515, 18.6745, 22.9242



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.



40.8244, 43.3651, 65.8939



59.0534, 62.6646, 103.5908



37.1393, 35.2315, 64.5182



11.5797, 12.2496, 14.9977



9.4811, 7.6089, 38.1614



0.6083, 0.5819, 2.1598

Inverse Universe

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



45.7707, 40.0680, 47.4429



68.4205, 56.9570, 68.5286



53.7466, 60.5081, 39.8579



12.0187, 11.8922, 13.3744



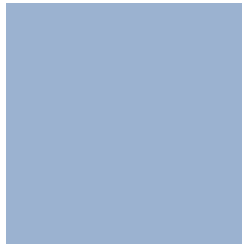
17.4164, 8.8394, 7.0988



1.0133, 0.5100, 0.6048

Previews

White Background



This preview shows how the XYZ color 40.8231, 43.3634, 65.8929 looks on a white background.

Color Contrast Check

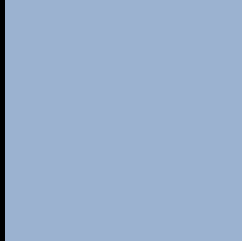
Large Text (above 18pt) WCAG AA × Fail

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 40.8231, 43.3634, 65.8929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

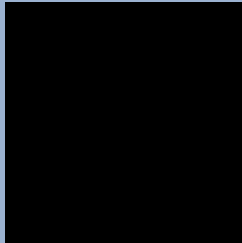
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8231, 43.3634, 65.8929

Background



This preview shows how black text looks on a background with the XYZ color 40.8231, 43.3634, 65.8929.



This preview shows how white text looks on a background with the XYZ color 40.8231, 43.3634,

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

40.8231, 43.3634, 65.8929

Protanopia

42.7331, 43.2259, 63.8488

Deuteranopia

44.1656, 43.3386, 66.3590



Tritanopia

39.1205, 43.2580, 57.9175

Trichromacy



Original Color

40.8231, 43.3634, 65.8929

Protanomaly

41.9876, 43.1155, 64.5017

Deuteranomaly

42.7931, 43.2004, 66.4047

Tritanomaly

39.6823, 43.1826, 60.8872

Monochromacy



Original Color

40.8231, 43.3634, 65.8929

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6434, 42.9634, 53.1643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8231, 43.3634, 65.8929 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(155, 178, 208)` looks like.

```
.text, #text, p{  
    color:rgb(155, 178, 208)  
}
```

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(155, 178, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 178, 208) }
```

Border

The CSS property to change the border of an element to XYZ 40.8231, 43.3634, 65.8929 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(155, 178, 208) }
```


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

```
.border{ border-color:rgb(155, 178, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 178, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 178, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 178, 208);  
box-shadow:4px 4px 4px 4px rgb(155, 178,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8231, 43.3634, 65.8929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 178, 208) }
```

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

```
.background{ background-color: rgb(155,  
178, 208) }
```

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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