

Converting Colors

XYZ(41.2156, 43.8622, 65.9685)

Have a look what the booklet for
XYZ(41.2156, 43.8622, 65.9685)
contains.

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Color

**XYZ(41.2156, 43.8622,
65.9685)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB3D0
RGB	156, 179, 208
RGB Percent	61%, 70%, 82%
CMY	0.3882, 0.2980, 0.1843
CMYK	0.25, 0.14, 0.00, 0.18
HSL	213°, 36%, 71%
HSV	213°, 25%, 82%
XYZ	41.2156, 43.8622, 65.9685
YIQ	175.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

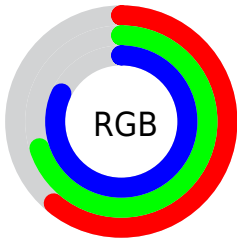
Format	Color
R _Y B	156, 172, 208
Decimal	10269648
CIE Lab	72.14, -1.45, -17.28
CIE LCh	72, 17.336, 265.217
Yxy	43.8622, 0.2729, 0.2904
Android (android.graphics.Color)	4288459728 (0xFF9CB3D0)
YUV	175.4290, 16.0575, -17.0392
Hunter-Lab	66.2285, -4.8152, -12.6972

Details

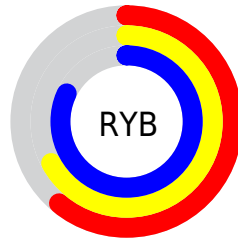
The XYZ color **41.2156, 43.8622, 65.9685** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.3627, 50.5085, 38.6011**, and the grayscale version is **40.8988, 43.0287, 46.8583**.

A 20% lighter version of the original color is **74.6223, 80.4855, 106.2100**, and **19.0025, 20.1979, 33.4689** is the 20% darker color. If you saturate the color by 10%, you get **35.3025, 37.5076, 65.0543**, and if you desaturate by 10%, it is **48.0162, 50.9668, 66.9821**.

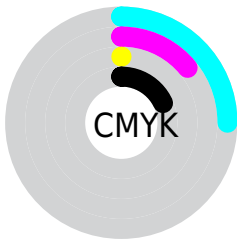
Distribution



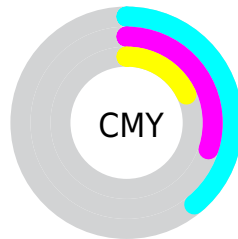
- Red (61%)
- Green (70%)
- Blue (82%)



- 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 41.2156, 43.8622, 65.9685 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 41.2156, 43.8622, 65.9685 by changing the saturation by 10% instead.

■ 41.2156, 43.8622,
65.9685

■ 41.2156, 43.8622,
65.9685

342.2681,
362.1457, 464.6654

■ 28.6760, 30.5622,
47.7905

■ 76.2837, 81.0103,
115.0677

■ 18.9789, 20.2657,
33.3022

■ 99.5429, 105.6273,
146.8260

■ 11.7590, 12.5883,
22.0850

127.1061,
134.7853, 183.9481

■ 6.6508, 7.1457,
13.7205

159.3385,
168.8688, 226.8526

■ 3.2891, 3.5534,
7.7900

196.6056,
208.2622, 275.9581

■ 1.3084, 1.4270,
3.8750

239.2726,

■ 0.1895, 0.2365,

253.3499, 331.6830

1.5570

287.7050,
304.5162, 394.4459

■ 0.0000, 0.0000,
0.2599

■ 0.0000, 0.0000,
0.0000

■ 41.2156, 43.8622,
65.9685

■ 41.2156, 43.8622,
65.9685

■ 35.3025, 37.5076,
65.0543

■ 48.0162, 50.9668,
66.9821

■ 30.2329, 31.8700,
64.2334

■ 55.7375, 58.8421,
68.0953

■ 25.9651, 26.9216,
63.5032

■ 64.4159, 67.5147,
69.3118

■ 22.4517, 22.6302,
62.8600

■ 74.0844, 77.0079,
70.6346

■ 19.6398, 18.9606,
62.2999

■ 82.9097, 86.3829,
71.9790

■ 17.4687, 15.8729,
61.8184

■ 86.3775, 93.3186,
73.1350

■ 15.8652, 13.3207,
61.4102

■ 88.3853, 97.3341,
73.8042

■ 15.2131, 12.2096,
61.2302

Harmonies

Analogous

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



38.5179, 43.8622, 62.4801



41.2156, 43.8622, 65.9685



44.1688, 43.8622, 64.1246

Triad

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



41.2156, 43.8622, 65.9685



47.0691, 43.8622, 41.1278



37.1758, 43.8622, 39.0277

Complementary

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



41.2156, 43.8622, 65.9685



49.3627, 50.5085, 38.6011

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.



39.3051, 43.8622, 34.4447



41.2156, 43.8622, 65.9685



45.0310, 43.8622, 35.5526

Square

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



41.2156, 43.8622, 65.9685



47.6396, 43.8622, 49.1345



42.1674, 43.8622, 33.2519



36.2571, 43.8622, 46.4084

Rectangle

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



41.2156, 43.8622, 65.9685



45.8732, 43.8622, 60.2225



42.1674, 43.8622, 33.2519



37.7686, 43.8622, 37.1451

Sweetspot

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



41.2170, 43.8640, 65.9695



85.6914, 90.5829, 107.5756



44.9820, 55.6665, 54.0528



18.1764, 19.2210, 23.0020



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.



41.2170, 43.8640, 65.9695



60.1533, 64.0008, 103.7907



37.4936, 35.6623, 64.5827



11.5879, 12.2661, 15.0005



9.5745, 7.7956, 38.1926



0.6138, 0.5929, 2.1616

Inverse Universe

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



46.0387, 40.4427, 48.0295



69.1865, 58.0707, 70.0740



53.8448, 60.5490, 40.3029



12.0229, 11.8939, 13.3963



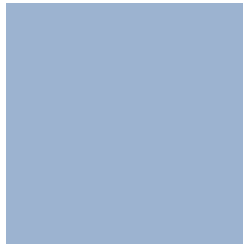
17.4635, 8.8582, 7.3469



1.0161, 0.5111, 0.6194

Previews

White Background



This preview shows how the XYZ color 41.2156, 43.8622, 65.9685 looks on a white background.

Color Contrast Check

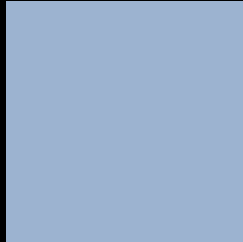
Large Text (above 18pt) WCAG AA × Fail

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 41.2156, 43.8622, 65.9685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

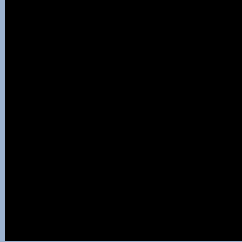
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2156, 43.8622, 65.9685

Background



This preview shows how black text looks on a background with the XYZ color 41.2156, 43.8622, 65.9685.



This preview shows how white text looks on a background with the XYZ color 41.2156, 43.8622,

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

41.2156, 43.8622, 65.9685

Protanopia

43.1440, 43.7256, 63.9236

Deuteranopia

44.6212, 43.5735, 66.3803



Tritanopia

39.6245, 43.8056, 58.5914

Trichromacy



Original Color

41.2156, 43.8622, 65.9685

Protanomaly

42.3918, 43.6139, 64.5766

Deuteranomaly

43.4162, 43.8094, 66.4894

Tritanomaly

40.0730, 43.6827, 60.9631

Monochromacy



Original Color

41.2156, 43.8622, 65.9685

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 41.2156, 43.8622, 65.9685 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(156, 179, 208)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 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(156, 179, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.2156, 43.8622, 65.9685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

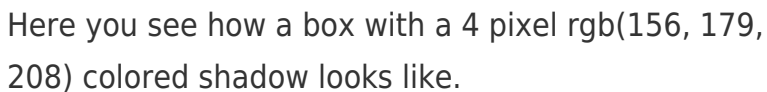
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 179, 208) }
```


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

```
.border{ border-color:rgb(156, 179, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 179, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 179, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 179, 208); box-shadow:4px 4px 4px 4px rgb(156, 179, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2156, 43.8622, 65.9685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 208) }
```

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

```
.background{ background-color: rgb(156,  
179, 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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