

Converting Colors

XYZ(41.8636, 42.1661, 65.6069)

Have a look what the booklet for
XYZ(41.8636, 42.1661, 65.6069)
contains.

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Color

**XYZ(41.8636, 42.1661,
65.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ACD0
RGB	166, 172, 208
RGB Percent	65%, 67%, 82%
CMY	0.3490, 0.3255, 0.1843
CMYK	0.20, 0.17, 0.00, 0.18
HSL	231°, 31%, 73%
HSV	231°, 20%, 82%
XYZ	41.8636, 42.1661, 65.6069
YIQ	174.3100, -15.1320, 9.9240

Conversions

Conversions Part 2

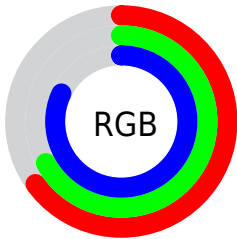
Format	Color
RYB	166, 171, 208
Decimal	10923216
CIELab	70.99, 5.49, -18.95
CIELCh	71, 19.729, 286.153
Yxy	42.1661, 0.2798, 0.2818
Android (android.graphics.Color)	4289113296 (0xFFA6ACD0)
YUV	174.3100, 16.6092, -7.2879
Hunter-Lab	64.9354, 1.4412, -14.4483

Details

The XYZ color **41.8636, 42.1661, 65.6069** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.0164, 58.4043, 44.5038**, and the grayscale version is **40.3154, 42.4149, 46.1898**.

A 20% lighter version of the original color is **75.3379, 77.5303, 105.6019**, and **19.3593, 19.2767, 33.2723** is the 20% darker color. If you saturate the color by 10%, you get **34.6827, 33.7615, 64.3638**, and if you desaturate by 10%, it is **50.2075, 51.8480, 67.0366**.

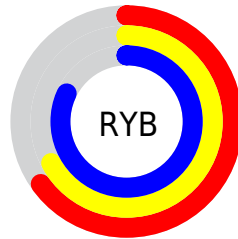
Distribution



Red (65%)

Green (67%)

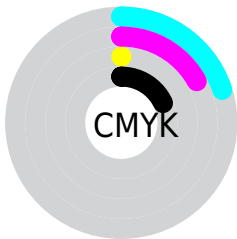
Blue (82%)



Red (65%)

Yellow (67%)

Blue (82%)

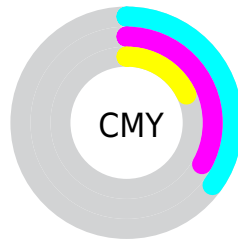


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8636, 42.1661, 65.6069 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 41.8636, 42.1661, 65.6069 by changing the saturation by 10% instead.

■ 41.8636, 42.1661,
65.6069

■ 41.8636, 42.1661,
65.6069

344.9185,
355.1710, 463.3355

■ 29.1851, 29.2314,
47.4989

■ 77.2596, 78.4509,
114.5436

■ 19.3659, 19.2559,
33.0731

■ 100.7079,
102.5699, 146.2093

■ 12.0405, 11.8553,
21.9108

128.4768,
131.1856, 183.2314

■ 6.8437, 6.6453,
13.5937

160.9317,
164.6826, 226.0283

■ 3.4100, 3.2413,
7.7031

198.4380,
203.4453, 275.0186

■ 1.3741, 1.2589,
3.8205

241.3609,

■ 0.2377, 0.1091,

247.8580, 330.6209

1.5274

290.0660,
298.3051, 393.2537

■ 0.0000, 0.0000,
0.2382

■ 0.0000, 0.0000,
0.0000

■ 41.8636, 42.1661,
65.6069

■ 41.8636, 42.1661,
65.6069

■ 34.6827, 33.7615,
64.3638

■ 50.2075, 51.8480,
67.0366

■ 28.6089, 26.5757,
63.2969

■ 59.7591, 62.8524,
68.6573

■ 23.5880, 20.5531,
62.3991

■ 70.5653, 75.2285,
70.4765

■ 19.5589, 15.6318,
61.6615

■ 82.6697, 89.0213,
72.5008

■ 16.4549, 11.7440,
61.0747

■ 88.3853, 97.3341,
73.8041

■ 14.2002, 8.8144,
60.6281

■ 12.7069, 6.7568,
60.3096

■ 11.8425, 5.4686,
60.1065

Harmonies

Analogous

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



38.5825, 42.1661, 65.8467



41.8636, 42.1661, 65.6069



44.8156, 42.1661, 59.6418

Triad

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



41.8636, 42.1661, 65.6069



44.6219, 42.1661, 34.0450



34.2434, 42.1661, 41.7105

Complementary

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



41.8636, 42.1661, 65.6069



54.0164, 58.4043, 44.5038

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.



35.6859, 42.1661, 34.4692



41.8636, 42.1661, 65.6069



41.6109, 42.1661, 30.4707

Square

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



41.8636, 42.1661, 65.6069



46.4667, 42.1661, 41.0532



38.3432, 42.1661, 30.6146



34.3028, 42.1661, 51.1392

Rectangle

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



41.8636, 42.1661, 65.6069



46.1470, 42.1661, 53.6335



38.3432, 42.1661, 30.6146



34.5652, 42.1661, 38.9691

Sweetspot

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



41.8649, 42.1678, 65.6079



85.6017, 89.1294, 107.2997



48.9078, 57.4696, 64.2069



18.1115, 18.8343, 22.9307



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.



41.8649, 42.1678, 65.6079



61.4955, 61.1601, 103.1717



44.0082, 41.6152, 65.3882



11.2980, 11.6863, 14.9039



7.4235, 3.4936, 37.4756



0.4600, 0.2853, 2.1104

Inverse Universe

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



47.0961, 43.6621, 44.9770



71.2126, 64.0447, 64.8245



51.5086, 59.2426, 44.7978



11.8766, 11.8354, 12.6259



16.3778, 8.4239, 1.6296



0.9384, 0.4801, 0.2106

Previews

White Background



This preview shows how the XYZ color 41.8636, 42.1661, 65.6069 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 41.8636, 42.1661, 65.6069 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 41.8636, 42.1661, 65.6069

Background



This preview shows how black text looks on a background with the XYZ color 41.8636, 42.1661, 65.6069.



This preview shows how white text looks on a background with the XYZ color 41.8636, 42.1661,

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

41.8636, 42.1661, 65.6069

Protanopia

41.8636, 42.1661, 65.6069

Deuteranopia

42.9935, 42.1878, 65.5516



Tritanopia

39.4156, 42.0154, 54.1765

Trichromacy



Original Color

41.8636, 42.1661, 65.6069

Protanomaly

41.8636, 42.1661, 65.6069

Deuteranomaly

42.5256, 42.2259, 65.5836

Tritanomaly

40.2041, 42.0442, 58.2209

Monochromacy



Original Color

41.8636, 42.1661, 65.6069

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6011, 42.0902, 52.4387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8636, 42.1661, 65.6069 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(166, 172, 208)` looks like.

```
.text, #text, p{  
    color:rgb(166, 172, 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(166, 172, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 172, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.8636, 42.1661, 65.6069 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(166, 172, 208) }
```


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

```
.border{ border-color:rgb(166, 172, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 172, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 172, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 172, 208);  
box-shadow:4px 4px 4px 4px rgb(166, 172,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8636, 42.1661, 65.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 172, 208) }
```

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

```
.background{ background-color: rgb(166,  
172, 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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