

Converting Colors

XYZ(42.1226, 44.8265, 51.8036)

Have a look what the booklet for
XYZ(42.1226, 44.8265, 51.8036)
contains.

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Color

**XYZ(42.2066, 44.9874,
51.8063)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB4B8
RGB	173, 180, 184
RGB Percent	68%, 71%, 72%
CMY	0.3216, 0.2941, 0.2784
CMYK	0.06, 0.02, 0.00, 0.28
HSL	202°, 7%, 70%
HSV	202°, 6%, 72%
XYZ	42.2066, 44.9874, 51.8063
YIQ	178.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

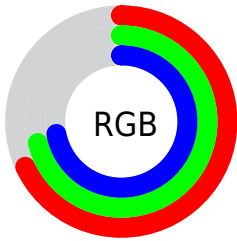
Format	Color
R _Y B	173, 177, 184
Decimal	11383992
CIE Lab	72.88, -1.66, -2.89
CIE LCh	73, 3.331, 240.154
Yxy	44.9874, 0.3036, 0.3236
Android (android.graphics.Color)	4289574072 (0xFFADB4B8)
YUV	178.3630, 2.7790, -4.7034
Hunter-Lab	67.0726, -5.0530, 1.1558

Details

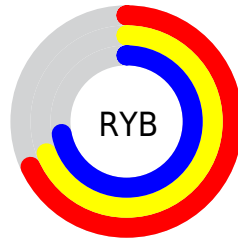
The XYZ color **42.2066, 44.9874, 51.8063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0324, 44.6516, 45.8866**, and the grayscale version is **42.4980, 44.7112, 48.6905**.

A 20% lighter version of the original color is **77.7185, 82.7762, 94.3193**, and **19.5713, 20.8824, 24.4719** is the 20% darker color. If you saturate the color by 10%, you get **37.0976, 40.3989, 51.1906**, and if you desaturate by 10%, it is **47.9437, 49.9988, 52.4719**.

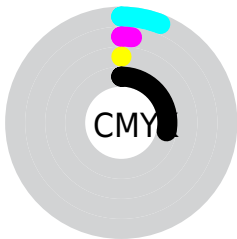
Distribution



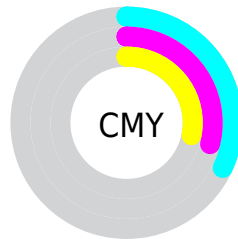
- Red (68%)
- Green (71%)
- Blue (72%)



- Red (68%)
- Yellow (69%)
- Blue (72%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (32%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2066, 44.9874, 51.8063 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 42.2066, 44.9874, 51.8063 by changing the saturation by 10% instead.

■ 42.2066, 44.9874,
51.8063

■ 42.2066, 44.9874,
51.8063

346.3157,
366.7225, 410.6240

■ 29.4549, 31.4475,
36.4695

■ 77.7754, 82.7015,
94.2692

■ 19.5712, 20.9398,
24.5045

101.3233,
107.6445, 122.2324

■ 12.1902, 13.0800,
15.4926

129.2005,
137.1573, 155.2414

■ 6.9465, 7.4837,
9.0154

161.7726,
171.6243, 193.7149

■ 3.4747, 3.7664,
4.6543

199.4048,
211.4300, 238.0714

■ 1.4095, 1.5438,
1.9907

242.4625,

■ 0.2630, 0.3192,

256.9586, 288.7294

0.5496

291.3110,
308.5947, 346.1074

■ 0.0000, 0.0000,
0.0000

■ 42.2066, 44.9874,
51.8063

■ 42.2066, 44.9874,
51.8063

■ 37.0976, 40.3989,
51.1906

■ 47.9437, 49.9988,
52.4719

■ 32.5891, 36.2142,
50.6205

■ 54.3274, 55.4403,
53.1858

■ 28.6572, 32.4206,
50.0955

■ 61.3800, 61.3260,
53.9501

■ 25.2748, 29.0028,
49.6141

■ 69.1220, 67.6676,
54.7661

■ 22.4124, 25.9443,
49.1746

■ 73.7963, 72.5296,
55.4582

■ 20.0375, 23.2267,
48.7752

■ 75.5176, 75.9723,
56.0320

■ 18.1138, 20.8298,
48.4139

■ 77.3092, 79.5554,
56.6292

■ 16.5991, 18.7304,
48.0885

■ 79.1718, 83.2806,
57.2500

■ 15.4398, 16.8991,
47.7962

■ 81.1062, 87.1494,
57.8948

Harmonies

Analogous

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



41.8022, 44.9874, 50.6055



42.2066, 44.9874, 51.8063



42.7622, 44.9874, 52.2472

Triad

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



42.2066, 44.9874, 51.8063



43.8840, 44.9874, 48.9750



42.2014, 44.9874, 46.2737

Complementary

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



42.2066, 44.9874, 51.8063



43.0324, 44.6516, 45.8866

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.



42.7562, 44.9874, 45.8588



42.2066, 44.9874, 51.8063



43.7307, 44.9874, 47.3968

Square

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



42.2066, 44.9874, 51.8063



43.7337, 44.9874, 50.5903



43.3166, 44.9874, 46.2654



41.7992, 44.9874, 47.4114

Rectangle

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



42.2066, 44.9874, 51.8063



43.1446, 44.9874, 52.0434



43.3166, 44.9874, 46.2654



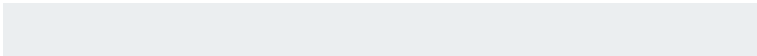
42.3761, 44.9874, 46.0462

Sweetspot

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



42.2079, 44.9893, 51.8073



80.4758, 85.0441, 94.3782



42.2957, 46.3343, 48.2317



17.3725, 18.3544, 20.3487



88.6918, 93.3107, 101.6153



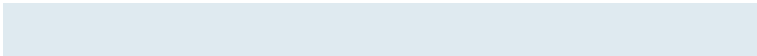
17.8044, 18.7317, 20.3988

Same Dimension

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



42.2079, 44.9893, 51.8073



75.4005, 80.5684, 93.7818



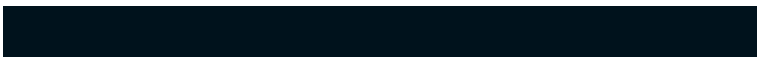
41.1481, 42.8697, 51.4540



9.2034, 9.8417, 11.4940



10.4267, 11.3130, 32.8872



0.4242, 0.5121, 1.1782

Inverse Universe

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



42.9500, 43.3738, 49.2904



76.9942, 77.1236, 88.3711



44.1104, 46.8077, 46.2460



9.4082, 9.4002, 10.7986



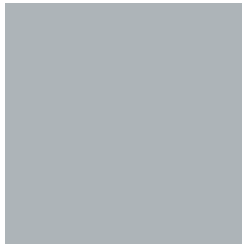
15.8766, 7.9244, 12.5028



0.5883, 0.2908, 0.5913

Previews

White Background



This preview shows how the XYZ color 42.2066, 44.9874, 51.8063 looks on a white background.

Color Contrast Check

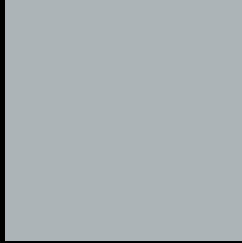
Large Text (above 18pt) WCAG AA × Fail

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 42.2066, 44.9874, 51.8063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

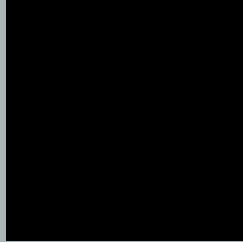
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

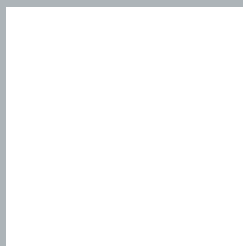
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2066, 44.9874, 51.8063

Background



This preview shows how black text looks on a background with the XYZ color 42.2066, 44.9874, 51.8063.



This preview shows how white text looks on a background with the XYZ color 42.2066, 44.9874,

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

42.2066, 44.9874, 51.8063

Protanopia

43.5237, 45.0834, 51.2078

Deuteranopia

45.6928, 44.7274, 52.1239



Tritanopia

43.2013, 45.0891, 56.8782

Trichromacy



Original Color

42.2066, 44.9874, 51.8063

Protanomaly

43.0274, 45.1241, 51.2418

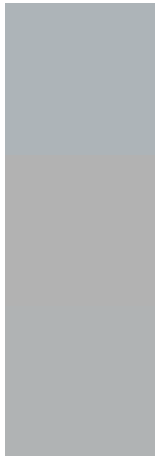
Deuteranomaly

44.5320, 44.9926, 52.2363

Tritanomaly

42.8699, 44.9566, 55.1332

Monochromacy



Original Color

42.2066, 44.9874, 51.8063

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.2628, 44.7656, 49.5932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2066, 44.9874, 51.8063 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(173, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 184)  
}
```

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(173, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.2066, 44.9874, 51.8063 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(173, 180, 184) }
```


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

```
.border{ border-color:rgb(173, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2066, 44.9874, 51.8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 184) }
```

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

```
.background{ background-color: rgb(173,  
180, 184) }
```

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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