

Converting Colors

XYZ(43.2597, 45.8915, 51.8209)

Have a look what the booklet for
XYZ(43.2597, 45.8915, 51.8209)
contains.

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Color

**XYZ(43.3071, 45.8556,
51.9159)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B5B8
RGB	177, 181, 184
RGB Percent	69%, 71%, 72%
CMY	0.3059, 0.2902, 0.2784
CMYK	0.04, 0.02, 0.00, 0.28
HSL	206°, 5%, 71%
HSV	206°, 4%, 72%
XYZ	43.3071, 45.8556, 51.9159
YIQ	180.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

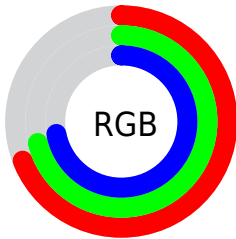
Format	Color
RYB	177, 180, 184
Decimal	11646392
CIELab	73.45, -0.82, -2.02
CIElCh	73, 2.179, 247.914
Yxy	45.8556, 0.3070, 0.3250
Android (android.graphics.Color)	4289836472 (0xFFB1B5B8)
YUV	180.1460, 1.9000, -2.7590
Hunter-Lab	67.7168, -4.3477, 1.9463

Details

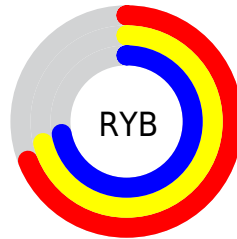
The XYZ color **43.3071, 45.8556, 51.9159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0243, 46.0067, 48.1556**, and the grayscale version is **43.4534, 45.7163, 49.7851**.

A 20% lighter version of the original color is **79.6166, 84.1833, 94.4908**, and **20.1281, 21.3621, 24.5352** is the 20% darker color. If you saturate the color by 10%, you get **37.8389, 40.7267, 51.2148**, and if you desaturate by 10%, it is **49.4337, 51.4609, 52.6756**.

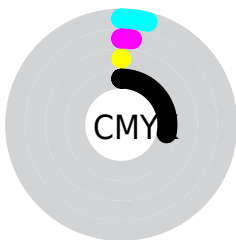
Distribution



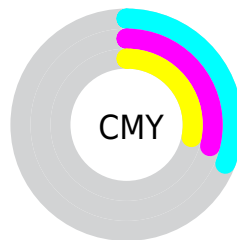
- Red (69%)
- Green (71%)
- Blue (72%)



- Red (69%)
- Yellow (71%)
- Blue (72%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3071, 45.8556, 51.9159 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 43.3071, 45.8556, 51.9159 by changing the saturation by 10% instead.

■ 43.3071, 45.8556,
51.9159

■ 43.3071, 45.8556,
51.9159

350.7733,
370.2278, 411.0596

■ 30.3217, 32.1319,
36.5563

■ 79.4269, 84.0028,
94.4325

■ 20.2322, 21.4623,
24.5710

103.2920,
109.1952, 122.4266

■ 12.6732, 13.4623,
15.5416

131.5145,
138.9792, 155.4692

■ 7.2793, 7.7477,
9.0496

164.4595,
173.7392, 193.9789

■ 3.6853, 3.9339,
4.6763

202.4926,
213.8597, 238.3743

■ 1.5257, 1.6367,
2.0032

245.9790,

■ 0.3432, 0.3821,

259.7250, 289.0738

0.5572

295.2841,
311.7196, 346.4960

■ 0.0000, 0.0000,
0.0000

■ 43.3071, 45.8556,
51.9159

■ 43.3071, 45.8556,
51.9159

■ 37.8389, 40.7267,
51.2148

■ 49.4337, 51.4609,
52.6756

■ 33.0011, 36.0538,
50.5679

■ 56.2373, 57.5506,
53.4925

■ 28.7696, 31.8235,
49.9743

■ 63.7409, 64.1398,
54.3688

■ 25.1172, 28.0194,
49.4326

■ 71.9648, 71.2412,
55.3061

■ 22.0141, 24.6239,
48.9407

■ 75.5884, 76.1138,
56.0556

■ 19.4282, 21.6178,
48.4968

■ 77.7099, 80.3567,
56.7628

■ 17.3232, 18.9800,
48.0986

■ 79.9301, 84.7973,
57.5029

■ 15.6578, 16.6865,
47.7437

■ 82.2505, 89.4380,
58.2763

■ 14.3825, 14.7091,
47.4292

■ 84.6722, 94.2814,
59.0835

Harmonies

Analogous

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



43.0039, 45.8556, 51.2408



43.3071, 45.8556, 51.9159



43.6862, 45.8556, 52.0547

Triad

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



43.3071, 45.8556, 51.9159



44.3204, 45.8556, 49.6381



43.1318, 45.8556, 48.2778

Complementary

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



43.3071, 45.8556, 51.9159



44.0243, 46.0067, 48.1556

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.



43.4827, 45.8556, 47.8619



43.3071, 45.8556, 51.9159



44.1700, 45.8556, 48.6397

Square

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



43.3071, 45.8556, 51.9159



44.2727, 45.8556, 50.7290



43.8628, 45.8556, 47.9934



42.9032, 45.8556, 49.1374

Rectangle

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



43.3071, 45.8556, 51.9159



43.9313, 45.8556, 51.8226



43.8628, 45.8556, 47.9934



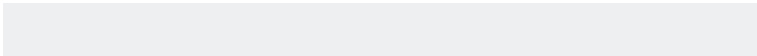
43.2393, 45.8556, 48.0820

Sweetspot

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



43.3084, 45.8576, 51.9169



81.4810, 85.8723, 94.4851



43.5024, 46.9207, 49.9000



17.5781, 18.5237, 20.3706



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.



43.3084, 45.8576, 51.9169



77.1732, 81.8909, 93.9437



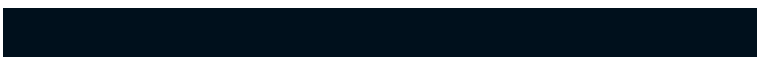
42.6215, 44.4838, 51.6879



9.3970, 9.9801, 11.5105



9.5312, 9.5221, 32.5887



0.3961, 0.4559, 1.1689

Inverse Universe

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



43.8308, 44.9717, 50.0887



78.4316, 79.7762, 89.5356



44.7233, 47.4045, 48.3885



9.5666, 9.6960, 10.9161



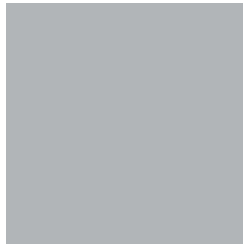
15.4246, 7.7436, 10.1226



0.5741, 0.2851, 0.5166

Previews

White Background



This preview shows how the XYZ color 43.3071, 45.8556, 51.9159 looks on a white background.

Color Contrast Check

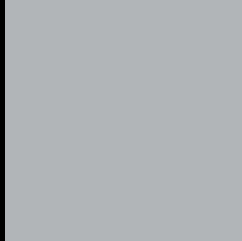
Large Text (above 18pt) WCAG AA × Fail

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 43.3071, 45.8556, 51.9159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

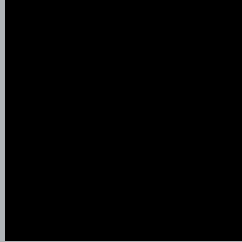
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3071, 45.8556, 51.9159

Background



This preview shows how black text looks on a background with the XYZ color 43.3071, 45.8556, 51.9159.



This preview shows how white text looks on a background with the XYZ color 43.3071, 45.8556,

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

43.3071, 45.8556, 51.9159

Protanopia

44.1958, 45.7264, 51.2965

Deuteranopia

46.5926, 45.7648, 52.2767



Tritanopia

44.4481, 45.7189, 57.5209

Trichromacy



Original Color

43.3071, 45.8556, 51.9159

Protanomaly

43.9246, 45.8852, 51.3414

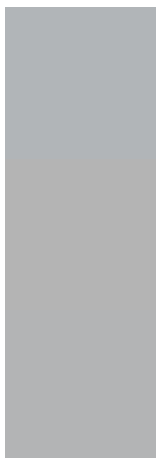
Deuteranomaly

45.2181, 45.6384, 52.3248

Tritanomaly

43.9756, 45.8252, 55.2426

Monochromacy



Original Color

43.3071, 45.8556, 51.9159

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2522, 45.5624, 50.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3071, 45.8556, 51.9159 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(177, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 181, 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(177, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.3071, 45.8556, 51.9159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

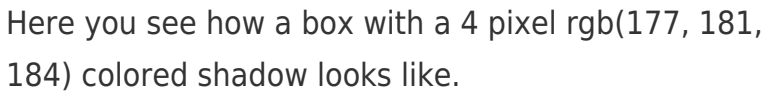
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 181, 184) }
```


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

```
.border{ border-color:rgb(177, 181, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 181, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 181, 184); box-shadow:4px 4px 4px 4px rgb(177, 181, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3071, 45.8556, 51.9159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 184) }
```

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

```
.background{ background-color: rgb(177,  
181, 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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