

Converting Colors

XYZ(44.4730, 47.8141, 51.8448)

Have a look what the booklet for
XYZ(44.4730, 47.8141, 51.8448)
contains.

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Color

**XYZ(44.2563, 47.5818,
51.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B9B7
RGB	178, 185, 183
RGB Percent	70%, 73%, 72%
CMY	0.3020, 0.2745, 0.2823
CMYK	0.04, 0.00, 0.01, 0.27
HSL	163°, 5%, 71%
HSV	163°, 4%, 73%
XYZ	44.2563, 47.5818, 51.6514
YIQ	182.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

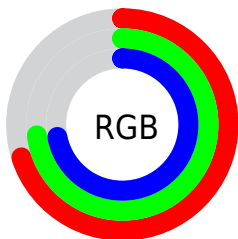
Format	Color
RYB	178, 182, 185
Decimal	11712951
CIELab	74.56, -2.81, 0.16
CIELCh	75, 2.812, 176.779
Yxy	47.5818, 0.3084, 0.3316
Android (android.graphics.Color)	4289903031 (0xFFB2B9B7)
YUV	182.6790, 0.1583, -4.1035
Hunter-Lab	68.9796, -6.1912, 3.8898

Details

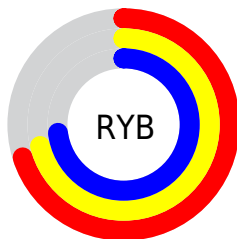
The XYZ color **44.2563, 47.5818, 51.6514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1679, 45.4516, 49.6275**, and the grayscale version is **44.8356, 47.1706, 51.3687**.

A 20% lighter version of the original color is **80.9670, 86.6350, 94.1162**, and **20.7380, 22.4742, 24.3640** is the 20% darker color. If you saturate the color by 10%, you get **39.7543, 45.3247, 48.6202**, and if you desaturate by 10%, it is **49.3543, 50.1464, 54.8206**.

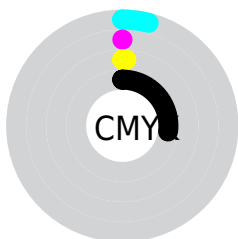
Distribution



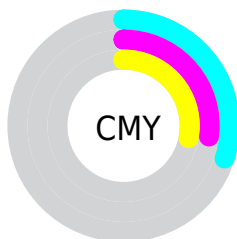
- Red (70%)
- Green (73%)
- Blue (72%)



- Red (70%)
- Yellow (71%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2563, 47.5818, 51.6514 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 44.2563, 47.5818, 51.6514 by changing the saturation by 10% instead.

■ 44.2563, 47.5818,
51.6514

■ 44.2563, 47.5818,
51.6514

354.5877,
377.1321, 410.0079

■ 31.0708, 33.4958,
36.3470

■ 80.8472, 86.5814,
94.0383

■ 20.8049, 22.5065,
24.4105

104.9834,
112.2639, 121.9578

■ 13.0931, 14.2296,
15.4234

133.5005,
142.5806, 154.9194

■ 7.5701, 8.2805,
8.9671

166.7639,
177.9159, 193.3416

■ 3.8706, 4.2750,
4.6232

205.1390,
218.6544, 237.6431

■ 1.6292, 1.8285,
1.9731

248.9911,

■ 0.4113, 0.5049,

265.1803, 288.2423

0.5387

298.6855,
317.8781, 345.5577

■ 0.0000, 0.0000,
0.0000

■ 44.2563, 47.5818,
51.6514

■ 44.2563, 47.5818,
51.6514

■ 39.7543, 45.3247,
48.6202

■ 49.3543, 50.1464,
54.8206

■ 35.8211, 43.3572,
45.7215

■ 55.0658, 53.0235,
58.1268

■ 32.4337, 41.6686,
42.9541

■ 61.4129, 56.2259,
61.5732

■ 29.5657, 40.2456,
40.3156

■ 68.4150, 59.7634,
65.1617

■ 27.1886, 39.0733,
37.8033

■ 70.1554, 60.5860,
68.6166

■ 25.2709, 38.1356,
35.4147

■ 70.8236, 60.8532,
72.1350

■ 23.7777, 37.4144,
33.1466

■ 71.5137, 61.1293,
75.7692

■ 22.6684, 36.8890,
30.9960

■ 72.2260, 61.4142,
79.5203

■ 21.8944, 36.5343,
28.9592

■ 72.9607, 61.7081,
83.3893

Harmonies

Analogous

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



44.4124, 47.5818, 50.2901



44.2563, 47.5818, 51.6514



44.3582, 47.5818, 53.0798

Triad

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



44.2563, 47.5818, 51.6514



45.6668, 47.5818, 54.3477



45.7626, 47.5818, 49.5021

Complementary

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



44.2563, 47.5818, 51.6514



44.1679, 45.4516, 49.6275

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.



46.1032, 47.5818, 50.5576



44.2563, 47.5818, 51.6514



46.0476, 47.5818, 53.3571

Square

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



44.2563, 47.5818, 51.6514



45.1702, 47.5818, 54.6536



46.2079, 47.5818, 51.9659



45.2800, 47.5818, 49.0639

Rectangle

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



44.2563, 47.5818, 51.6514



44.5591, 47.5818, 53.8750



46.2079, 47.5818, 51.9659



45.8977, 47.5818, 49.7955

Sweetspot

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



44.2576, 47.5838, 51.6524



81.6803, 86.4333, 94.0508



44.2321, 47.6297, 48.9823



17.6188, 18.6383, 20.2818



88.6918, 93.3107, 101.6153



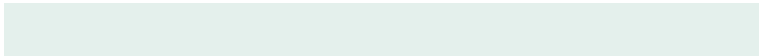
17.8044, 18.7317, 20.3988

Same Dimension

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



44.2576, 47.5838, 51.6524



78.1563, 84.6630, 91.7866



44.1761, 47.0847, 52.6613



9.5296, 10.3540, 11.2193



14.6856, 24.7752, 19.0642



0.5429, 0.8835, 0.8050

Inverse Universe

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



44.1679, 45.4516, 49.6275



77.9425, 79.5805, 86.9598



44.2454, 45.9308, 48.6537



9.5008, 9.6697, 10.5694



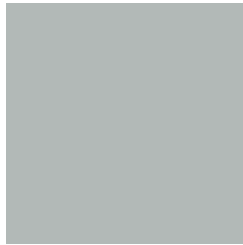
14.0873, 7.2087, 3.0804



0.5242, 0.2652, 0.2539

Previews

White Background



This preview shows how the XYZ color 44.2563, 47.5818, 51.6514 looks on a white background.

Color Contrast Check

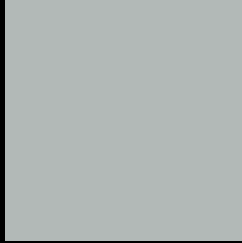
Large Text (above 18pt) WCAG AA × Fail

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 44.2563, 47.5818, 51.6514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

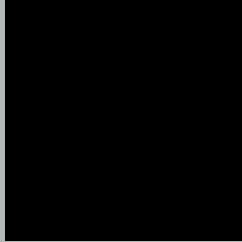
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

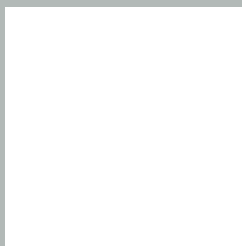
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2563, 47.5818, 51.6514

Background



This preview shows how black text looks on a background with the XYZ color 44.2563, 47.5818, 51.6514.



This preview shows how white text looks on a background with the XYZ color 44.2563, 47.5818,

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

44.2563, 47.5818, 51.6514

Protanopia

45.6650, 47.3981, 50.9979

Deuteranopia

48.2985, 47.2264, 52.4689



Tritanopia

45.8339, 47.6015, 59.5956

Trichromacy



Original Color

44.2563, 47.5818, 51.6514

Protanomaly

45.1441, 47.4347, 51.0324

Deuteranomaly

46.7112, 47.3097, 52.0171

Tritanomaly

45.2453, 47.6705, 56.6858

Monochromacy



Original Color

44.2563, 47.5818, 51.6514

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7438, 47.5236, 51.6145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2563, 47.5818, 51.6514 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(178, 185, 183)` looks like.

```
.text, #text, p{  
    color:rgb(178, 185, 183)  
}
```

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(178, 185, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 185, 183) }
```

Border

The CSS property to change the border of an element to XYZ 44.2563, 47.5818, 51.6514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

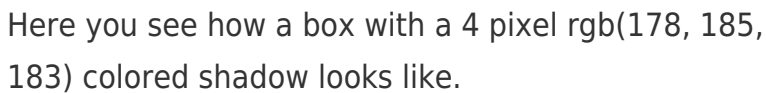
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 185, 183) }
```


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

```
.border{ border-color:rgb(178, 185, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 185, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 185, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 185, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 185,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2563, 47.5818, 51.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 185, 183) }
```

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

```
.background{ background-color: rgb(178,  
185, 183) }
```

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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