

Converting Colors

XYZ(44.4388, 47.6022, 54.9901)

Have a look what the booklet for
XYZ(44.4388, 47.6022, 54.9901)
contains.

XYZ(44.4388, 47.6022, 54.9901)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.4388, 47.6022,
54.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B9BD
RGB	176, 185, 189
RGB Percent	69%, 73%, 74%
CMY	0.3098, 0.2745, 0.2588
CMYK	0.07, 0.02, 0.00, 0.26
HSL	198°, 9%, 72%
HSV	198°, 7%, 74%
XYZ	44.4388, 47.6022, 54.9901
YIQ	182.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

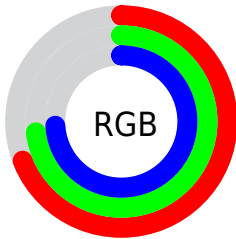
Format	Color
R _Y B	176, 181, 189
Decimal	11581885
CIE Lab	74.57, -2.33, -3.11
CIE LCh	75, 3.887, 233.151
Yxy	47.6022, 0.3022, 0.3238
Android (android.graphics.Color)	4289771965 (0xFFB0B9BD)
YUV	182.7650, 3.0739, -5.9329
Hunter-Lab	68.9943, -5.7694, 1.0405

Details

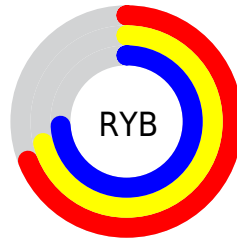
The XYZ color **44.4388, 47.6022, 54.9901** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.1442, 46.5956, 47.6896**, and the grayscale version is **44.8685, 47.2051, 51.4064**.

A 20% lighter version of the original color is **81.2154, 86.6590, 98.8325**, and **20.8636, 22.4911, 26.5341** is the 20% darker color. If you saturate the color by 10%, you get **39.2687, 43.1702, 54.4079**, and if you desaturate by 10%, it is **50.2563, 52.4444, 55.6188**.

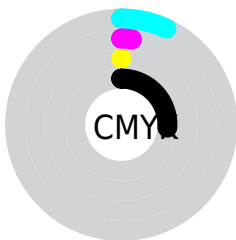
Distribution



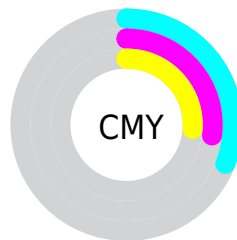
- Red (69%)
- Green (73%)
- Blue (74%)



- Red (69%)
- Yellow (71%)
- Blue (74%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4388, 47.6022, 54.9901 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 44.4388, 47.6022, 54.9901 by changing the saturation by 10% instead.

■ 44.4388, 47.6022,
54.9901

■ 44.4388, 47.6022,
54.9901

355.3180,
377.2132, 423.1553

■ 31.2150, 33.5120,
38.9952

■ 81.1199, 86.6118,
98.9975

■ 20.9153, 22.5189,
26.4482

105.3079,
112.3000, 127.8470

■ 13.1742, 14.2387,
16.9305

133.8814,
142.6230, 161.8186

■ 7.6264, 8.2869,
10.0235

167.2056,
177.9651, 201.3307

■ 3.9066, 4.2791,
5.3087

205.6461,
218.7108, 246.8019

■ 1.6494, 1.8309,
2.3676

249.5681,

■ 0.4243, 0.5063,

265.2444, 298.6507

0.7687

299.3369,
317.9504, 357.2956

■ 0.0000, 0.0000,
0.0000

■ 44.4388, 47.6022,
54.9901

■ 44.4388, 47.6022,
54.9901

■ 39.2687, 43.1702,
54.4079

■ 50.2563, 52.4444,
55.6188

■ 34.7170, 39.1285,
53.8677

■ 56.7408, 57.7036,
56.2922

■ 30.7582, 35.4646,
53.3691

■ 63.9159, 63.3945,
57.0125

■ 27.3635, 32.1626,
52.9107

■ 71.8030, 69.5286,
57.7808

■ 24.5018, 29.2055,
52.4907

■ 74.4872, 73.0577,
58.3205

■ 22.1383, 26.5745,
52.1074

■ 75.9848, 76.0529,
58.8197

■ 20.2341, 24.2486,
51.7589

■ 77.5355, 79.1542,
59.3366

■ 18.7441, 22.2035,
51.4427

■ 79.1396, 82.3625,
59.8713

■ 17.6064, 20.4065,
51.1558

■ 80.7978, 85.6790,
60.4241

Harmonies

Analogous

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



44.0132, 47.6022, 53.3674



44.4388, 47.6022, 54.9901



45.0835, 47.6022, 55.7694

Triad

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



44.4388, 47.6022, 54.9901



46.5996, 47.6022, 52.2936



44.7152, 47.6022, 48.3527

Complementary

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



44.4388, 47.6022, 54.9901



45.1442, 46.5956, 47.6896

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.



45.4058, 47.6022, 48.0820



44.4388, 47.6022, 54.9901



46.4985, 47.6022, 50.3238

Square

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



44.4388, 47.6022, 54.9901



46.3346, 47.6022, 54.1867



46.0598, 47.6022, 48.7947



44.1716, 47.6022, 49.5440

Rectangle

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



44.4388, 47.6022, 54.9901



45.5527, 47.6022, 55.6918



46.0598, 47.6022, 48.7947



44.9377, 47.6022, 48.1523

Sweetspot

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



44.4402, 47.6042, 54.9912



84.4923, 89.3665, 99.0224



44.3309, 48.9173, 50.2329



18.1931, 19.2373, 21.2969



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.4402, 47.6042, 54.9912



78.3714, 84.2261, 98.3529



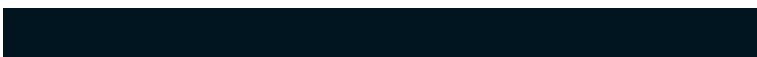
43.1306, 44.9852, 54.5546



9.5543, 10.3010, 12.1569



11.7012, 13.5142, 34.3847



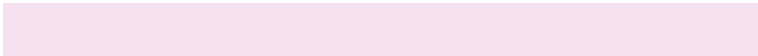
0.5138, 0.6402, 1.3654

Inverse Universe

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



45.2696, 45.3732, 52.2733



80.1174, 79.5627, 92.6245



46.4668, 49.2408, 48.1305



9.8016, 9.6450, 11.3445



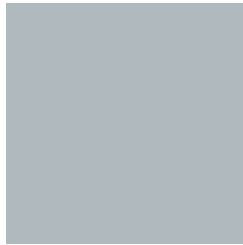
16.9070, 8.3940, 15.3358



0.6902, 0.3400, 0.7481

Previews

White Background



This preview shows how the XYZ color 44.4388, 47.6022, 54.9901 looks on a white background.

Color Contrast Check

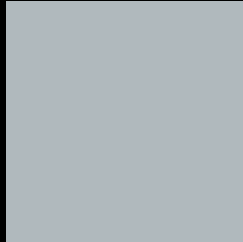
Large Text (above 18pt) WCAG AA × Fail

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 44.4388, 47.6022, 54.9901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

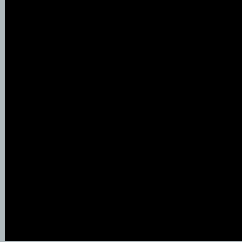
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

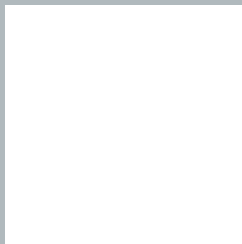
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4388, 47.6022, 54.9901

Background



This preview shows how black text looks on a background with the XYZ color 44.4388, 47.6022, 54.9901.



This preview shows how white text looks on a background with the XYZ color 44.4388, 47.6022,

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

44.4388, 47.6022, 54.9901

Protanopia

45.7052, 47.3580, 53.7458

Deuteranopia

48.5034, 47.5643, 55.3396



Tritanopia

45.6936, 47.8232, 60.2486

Trichromacy



Original Color

44.4388, 47.6022, 54.9901

Protanomaly

45.3020, 47.4429, 54.3467

Deuteranomaly

47.0533, 47.7126, 55.4447

Tritanomaly

45.1223, 47.5682, 58.4331

Monochromacy



Original Color

44.4388, 47.6022, 54.9901

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7198, 47.4871, 52.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4388, 47.6022, 54.9901 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(176, 185, 189) looks like.

```
.text, #text, p{  
    color:rgb(176, 185, 189)  
}
```

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(176, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 185, 189) }
```

Border

The CSS property to change the border of an element to XYZ 44.4388, 47.6022, 54.9901 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(176, 185, 189) }
```


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

```
.border{ border-color:rgb(176, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(176, 185,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4388, 47.6022, 54.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 185, 189) }
```

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

```
.background{ background-color: rgb(176,  
185, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor