

Converting Colors

XYZ(44.8329, 47.9714, 66.4157)

Have a look what the booklet for
XYZ(44.8329, 47.9714, 66.4157)
contains.

XYZ(44.8804, 47.8874, 66.5522)	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(44.8804, 47.8874,
66.5522)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BAD0
RGB	167, 186, 208
RGB Percent	65%, 73%, 82%
CMY	0.3451, 0.2706, 0.1843
CMYK	0.20, 0.11, 0.00, 0.18
HSL	212°, 30%, 74%
HSV	212°, 20%, 82%
XYZ	44.8804, 47.8874, 66.5522
YIQ	182.8270, -18.3860, 2.8140

Conversions

Conversions Part 2

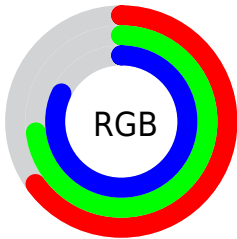
Format	Color
R _Y B	167, 180, 208
Decimal	10992336
CIE Lab	74.75, -1.83, -13.26
CIE LCh	75, 13.385, 262.150
Yxy	47.8874, 0.2817, 0.3006
Android (android.graphics.Color)	4289182416 (0xFFA7BAD0)
YUV	182.8270, 12.4103, -13.8803
Hunter-Lab	69.2007, -5.3344, -8.5803

Details

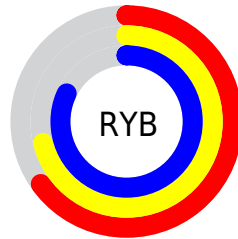
The XYZ color **44.8804, 47.8874, 66.5522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1854, 52.5950, 44.0143**, and the grayscale version is **44.8575, 47.1936, 51.3938**.

A 20% lighter version of the original color is **80.2336, 86.4122, 107.0582**, and **21.1597, 22.6856, 33.8354** is the 20% darker color. If you saturate the color by 10%, you get **38.5750, 41.2830, 65.6105**, and if you desaturate by 10%, it is **52.0791, 55.2273, 67.5903**.

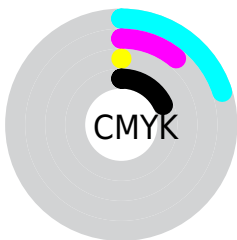
Distribution



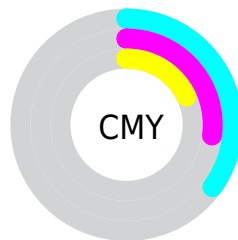
- Red (65%)
- Green (73%)
- Blue (82%)



- Red (65%)
- Yellow (71%)
- Blue (82%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8804, 47.8874, 66.5522 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 44.8804, 47.8874, 66.5522 by changing the saturation by 10% instead.

■ 44.8804, 47.8874,
66.5522

■ 44.8804, 47.8874,
66.5522

357.0808,
378.3456, 466.8072

■ 31.5641, 33.7377,
48.2615

■ 81.7791, 87.0367,
115.9131

■ 21.1827, 22.6922,
33.6726

■ 106.0922,
112.8052, 147.8203

■ 13.3708, 14.3664,
22.3668

134.8016,
143.2153, 185.1035

■ 7.7632, 8.3759,
13.9258

168.2727,
178.6516, 228.1811

■ 3.9943, 4.3364,
7.9309

206.8708,
219.4984, 277.4718

■ 1.6989, 1.8635,
3.9636

250.9613,

■ 0.4556, 0.5263,

266.1400, 333.3940

1.6054

300.9095,
318.9610, 396.3663

■ 0.0000, 0.0000,
0.2947

■ 0.0000, 0.0000,
0.0000

■ 44.8804, 47.8874,
66.5522

■ 44.8804, 47.8874,
66.5522

■ 38.5750, 41.2830,
65.6105

■ 52.0791, 55.2273,
67.5903

■ 33.1206, 35.3825,
64.7591

■ 60.2023, 63.3212,
68.7245

■ 28.4779, 30.1605,
63.9958

■ 69.2848, 72.1941,
69.9584

■ 24.6025, 25.5873,
63.3174

■ 79.3584, 81.8679,
71.2947

■ 21.4452, 21.6308,
62.7201

■ 84.3188, 89.2012,
72.4487

■ 18.9506, 18.2551,
62.2000

■ 87.7388, 96.0412,
73.5887

■ 17.0536, 15.4190,
61.7526

■ 88.3853, 97.3341,
73.8042

■ 15.6422, 13.0568,
61.3710

■ 15.6051, 12.9936,
61.3608

Harmonies

Analogous

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



42.7084, 47.8874, 63.4372



44.8804, 47.8874, 66.5522



47.3000, 47.8874, 65.5428

Triad

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



44.8804, 47.8874, 66.5522



49.9817, 47.8874, 47.2569



41.9249, 47.8874, 44.3541

Complementary

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



44.8804, 47.8874, 66.5522



51.1854, 52.5950, 44.0143

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.



43.7765, 47.8874, 40.7036



44.8804, 47.8874, 66.5522



48.4431, 47.8874, 42.2727

Square

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



44.8804, 47.8874, 66.5522



50.3028, 47.8874, 53.9902



46.1566, 47.8874, 39.9770



41.0421, 47.8874, 50.3350

Rectangle

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



44.8804, 47.8874, 66.5522



48.7236, 47.8874, 62.7044



46.1566, 47.8874, 39.9770



42.4515, 47.8874, 42.8365

Sweetspot

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



44.8818, 47.8894, 66.5533



87.0803, 92.0867, 107.7926



47.6639, 56.9964, 56.5584



18.4602, 19.5318, 23.0470



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.



44.8818, 47.8894, 66.5533



66.4119, 70.9929, 104.8105



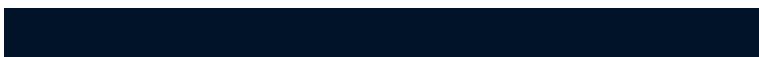
41.4315, 40.5577, 65.3200



11.6088, 12.3078, 15.0075



9.8205, 8.2875, 38.2745



0.6281, 0.6214, 2.1664

Inverse Universe

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



48.6952, 44.5936, 52.4975



73.6942, 65.0374, 77.8924



55.1615, 61.1152, 45.4493



12.0334, 11.8981, 13.4518



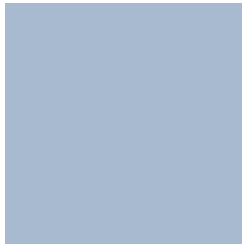
17.5876, 8.9079, 8.0007



1.0233, 0.5140, 0.6573

Previews

White Background



This preview shows how the XYZ color 44.8804, 47.8874, 66.5522 looks on a white background.

Color Contrast Check

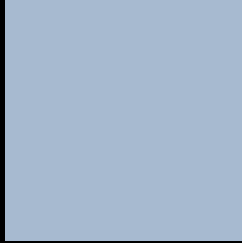
Large Text (above 18pt) WCAG AA × Fail

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 44.8804, 47.8874, 66.5522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

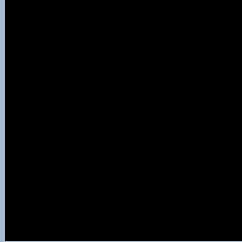
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8804, 47.8874, 66.5522

Background



This preview shows how black text looks on a background with the XYZ color 44.8804, 47.8874, 66.5522.



This preview shows how white text looks on a background with the XYZ color 44.8804, 47.8874,

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

44.8804, 47.8874, 66.5522

Protanopia

46.6909, 47.6154, 65.1223

Deuteranopia

48.6150, 47.6625, 66.9591



Tritanopia

44.1569, 47.9119, 62.7977

Trichromacy



Original Color

44.8804, 47.8874, 66.5522

Protanomaly

45.8752, 47.4859, 65.7793

Deuteranomaly

47.2926, 47.8831, 67.0714

Tritanomaly

44.3953, 48.0073, 64.0532

Monochromacy



Original Color

44.8804, 47.8874, 66.5522

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7864, 47.4339, 56.6643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8804, 47.8874, 66.5522 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(167, 186, 208)` looks like.

```
.text, #text, p{  
    color:rgb(167, 186, 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(167, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 186, 208) }
```

Border

The CSS property to change the border of an element to XYZ 44.8804, 47.8874, 66.5522 is called "border". The border property can be set on classes, ids or directly on the HTML element.

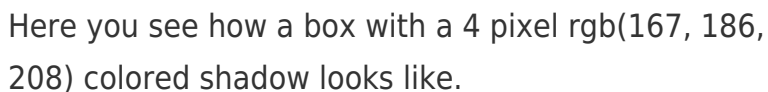
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 186, 208) }
```


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

```
.border{ border-color:rgb(167, 186, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 186, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 186, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 186, 208); box-shadow:4px 4px 4px 4px rgb(167, 186, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8804, 47.8874, 66.5522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 186, 208) }
```

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

```
.background{ background-color: rgb(167,  
186, 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](#).

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