

Converting Colors

XYZ(41.5192, 44.1968, 51.9108)

Have a look what the booklet for
XYZ(41.5192, 44.1968, 51.9108)
contains.

XYZ(41.5664, 44.3588, 51.7187)	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(41.5664, 44.3588,
51.7187)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB3B8
RGB	171, 179, 184
RGB Percent	67%, 70%, 72%
CMY	0.3294, 0.2980, 0.2784
CMYK	0.07, 0.03, 0.00, 0.28
HSL	203°, 8%, 70%
HSV	203°, 7%, 72%
XYZ	41.5664, 44.3588, 51.7187
YIQ	177.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

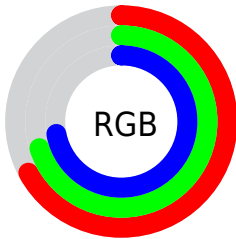
Format	Color
R_{YB}	171, 176, 184
Decimal	11252664
CIE _{Lab}	72.47, -1.80, -3.52
CIE _{LCh}	72, 3.953, 242.861
Yxy	44.3588, 0.3020, 0.3223
Android (android.graphics.Color)	4289442744 (0xFFABB3B8)
YUV	177.1780, 3.3632, -5.4181
Hunter-Lab	66.6024, -5.1528, 0.5813

Details

The XYZ color **41.5664, 44.3588, 51.7187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6433, 44.1809, 44.8090**, and the grayscale version is **41.8698, 44.0503, 47.9707**.

A 20% lighter version of the original color is **76.8005, 81.8767, 94.1940**, and **19.1653, 20.4823, 24.4161** is the 20% darker color. If you saturate the color by 10%, you get **36.4530, 39.6731, 51.0845**, and if you desaturate by 10%, it is **47.3130, 49.4813, 52.4052**.

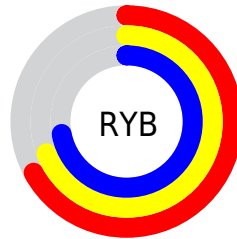
Distribution



Red (67%)

Green (70%)

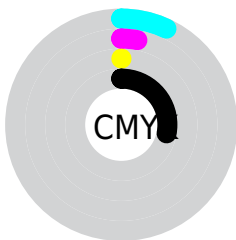
Blue (72%)



Red (67%)

Yellow (69%)

Blue (72%)

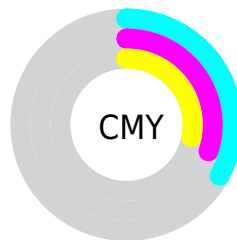


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5664, 44.3588, 51.7187 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 41.5664, 44.3588, 51.7187 by changing the saturation by 10% instead.

■ 41.5664, 44.3588,
51.7187

■ 41.5664, 44.3588,
51.7187

343.7046,
364.1704, 410.2757

■ 28.9515, 30.9527,
36.4002

■ 76.8123, 81.7574,
94.1386

■ 19.1883, 20.5628,
24.4513

100.1740,
106.5186, 122.0771

■ 11.9112, 12.8048,
15.4534

127.8487,
135.8337, 155.0593

■ 6.7550, 7.2943,
8.9881

160.2017,
170.0870, 193.5039

■ 3.3543, 3.6468,
4.6367

197.5985,
209.6630, 237.8292

■ 1.3438, 1.4780,
1.9807

240.4043,

■ 0.2156, 0.2732,

254.9459, 288.4539

0.5434

288.9846,
306.3203, 345.7966

■ 0.0000, 0.0000,
0.0000

■ 41.5664, 44.3588,
51.7187

■ 41.5664, 44.3588,
51.7187

■ 36.4530, 39.6731,
51.0845

■ 47.3130, 49.4813,
52.4052

■ 31.9450, 35.4047,
50.4982

■ 53.7117, 55.0482,
53.1425

■ 28.0181, 31.5406,
49.9593

■ 60.7852, 61.0741,
53.9328

■ 24.6448, 28.0649,
49.4662

■ 68.5539, 67.5710,
54.7774

■ 21.7951, 24.9604,
49.0172

■ 74.0319, 73.0009,
55.5367

■ 19.4359, 22.2084,
48.6103

■ 75.8652, 76.6674,
56.1478

■ 17.5303, 19.7880,
48.2436

■ 77.7772, 80.4914,
56.7852

■ 16.0350, 17.6750,
47.9145

■ 79.7688, 84.4747,
57.4490

■ 14.8898, 15.8364,
47.6200

■ 81.8411, 88.6193,
58.1398

Harmonies

Analogous

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



41.0698, 44.3588, 50.3656



41.5664, 44.3588, 51.7187



42.2272, 44.3588, 52.1477

Triad

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



41.5664, 44.3588, 51.7187



43.4849, 44.3588, 48.1120



41.4542, 44.3588, 45.2129

Complementary

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



41.5664, 44.3588, 51.7187



42.6433, 44.1809, 44.8090

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.



42.0963, 44.3588, 44.6448



41.5664, 44.3588, 51.7187



43.2728, 44.3588, 46.2901

Square

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



41.5664, 44.3588, 51.7187



43.3394, 44.3588, 50.0325



42.7627, 44.3588, 45.0338



41.0056, 44.3588, 46.6064

Rectangle

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



41.5664, 44.3588, 51.7187



42.6732, 44.3588, 51.8428



42.7627, 44.3588, 45.0338



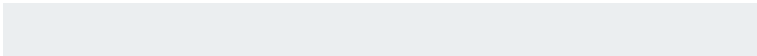
41.6544, 44.3588, 44.9208

Sweetspot

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



41.5677, 44.3607, 51.7197



80.4465, 84.9856, 94.3685



41.7706, 46.0736, 47.7579



17.3665, 18.3425, 20.3467



88.6918, 93.3107, 101.6153



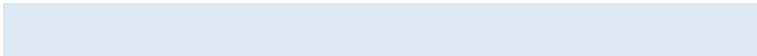
17.8044, 18.7317, 20.3988

Same Dimension

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



41.5677, 44.3607, 51.7197



74.3069, 79.4695, 93.6274



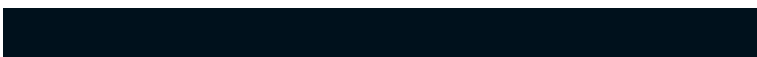
40.2981, 41.8215, 51.2965



8.9689, 9.6150, 11.4626



10.1234, 10.7065, 32.7861



0.4148, 0.4933, 1.1751

Inverse Universe

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



42.4677, 42.5717, 48.6289



76.1766, 75.7796, 87.2010



43.9456, 46.7856, 45.2431



9.2306, 9.1026, 10.5620



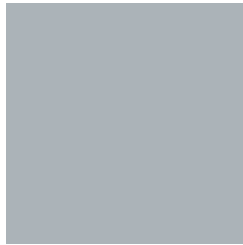
15.7235, 7.8632, 11.6967



0.5835, 0.2889, 0.5664

Previews

White Background



This preview shows how the XYZ color 41.5664, 44.3588, 51.7187 looks on a white background.

Color Contrast Check

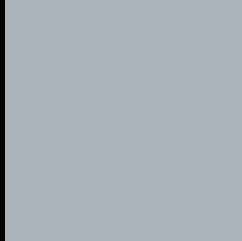
Large Text (above 18pt) WCAG AA × Fail

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 41.5664, 44.3588, 51.7187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

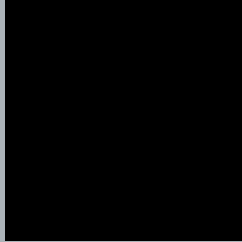
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

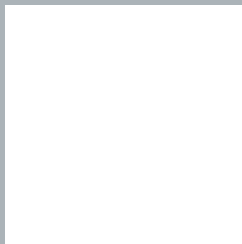
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5664, 44.3588, 51.7187

Background



This preview shows how black text looks on a background with the XYZ color 41.5664, 44.3588, 51.7187.



This preview shows how white text looks on a background with the XYZ color 41.5664, 44.3588,

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

41.5664, 44.3588, 51.7187

Protanopia

42.8598, 44.4469, 51.1199

Deuteranopia

44.9953, 44.0842, 52.0365



Tritanopia

42.4481, 44.4172, 56.2053

Trichromacy



Original Color

41.5664, 44.3588, 51.7187

Protanomaly

42.3721, 44.4898, 51.1539

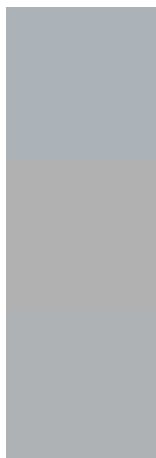
Deuteranomaly

43.8541, 44.3531, 52.1486

Tritanomaly

42.1190, 44.2856, 54.4722

Monochromacy



Original Color

41.5664, 44.3588, 51.7187

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8378, 44.2500, 49.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5664, 44.3588, 51.7187 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(171, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 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(171, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.5664, 44.3588, 51.7187 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(171, 179, 184) }
```


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

```
.border{ border-color:rgb(171, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5664, 44.3588, 51.7187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 184) }
```

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

```
.background{ background-color: rgb(171,  
179, 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](#).

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