

Converting Colors

XYZ(44.7374, 47.0683, 53.4620)

Have a look what the booklet for
XYZ(44.7374, 47.0683, 53.4620)
contains.

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Color

**XYZ(44.9592, 47.2786,
53.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B7BB
RGB	181, 183, 187
RGB Percent	71%, 72%, 73%
CMY	0.2902, 0.2823, 0.2667
CMYK	0.03, 0.02, 0.00, 0.27
HSL	220°, 4%, 72%
HSV	220°, 3%, 73%
XYZ	44.9592, 47.2786, 53.7698
YIQ	182.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

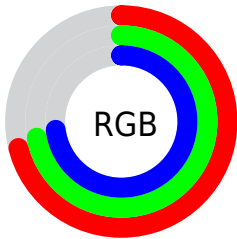
Format	Color
RYB	181, 183, 187
Decimal	11909051
CIELab	74.37, 0.06, -2.28
CIELCh	74, 2.279, 271.620
Yxy	47.2786, 0.3079, 0.3238
Android (android.graphics.Color)	4290099131 (0xFFB5B7BB)
YUV	182.8580, 2.0420, -1.6295
Hunter-Lab	68.7594, -3.6146, 1.7669

Details

The XYZ color **44.9592, 47.2786, 53.7698** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1831, 48.5984, 50.6631**, and the grayscale version is **44.9232, 47.2627, 51.4691**.

A 20% lighter version of the original color is **81.9692, 86.2086, 97.1137**, and **21.1878, 22.2757, 25.7372** is the 20% darker color. If you saturate the color by 10%, you get **38.4088, 40.2559, 52.7602**, and if you desaturate by 10%, it is **52.3283, 55.0637, 54.8848**.

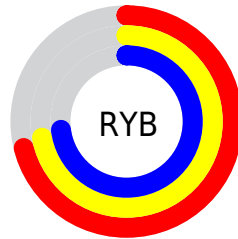
Distribution



Red (71%)

Green (72%)

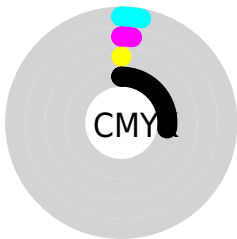
Blue (73%)



Red (71%)

Yellow (72%)

Blue (73%)

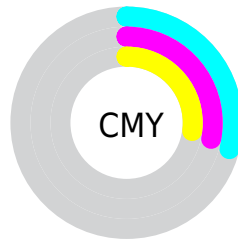


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9592, 47.2786, 53.7698 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 44.9592, 47.2786, 53.7698 by changing the saturation by 10% instead.

■ 44.9592, 47.2786,
53.7698

■ 44.9592, 47.2786,
53.7698

357.3948,
375.9255, 418.3814

■ 31.6264, 33.2560,
38.0257

■ 81.8966, 86.1293,
97.1892

■ 21.2305, 22.3226,
25.7007

106.2320,
111.7262, 125.7015

■ 13.4060, 14.0941,
16.3761

134.9656,
141.9500, 159.3071

■ 7.7876, 8.1862,
9.6334

168.4628,
177.1850, 198.4243

■ 4.0100, 4.2143,
5.0542

207.0890,
217.8156, 243.4718

■ 1.7078, 1.7941,
2.2198

251.2095,

■ 0.4611, 0.4835,

264.2263, 294.8682

0.6858

301.1896,
316.8015, 353.0318

■ 0.0000, 0.0000,
0.0000

■ 44.9592, 47.2786,
53.7698

■ 44.9592, 47.2786,
53.7698

■ 38.4088, 40.2559,
52.7602

■ 52.3283, 55.0637,
54.8848

■ 32.6440, 33.9657,
51.8499

■ 60.5397, 63.6277,
56.1050

■ 27.6351, 28.3850,
51.0368

■ 69.6210, 72.9942,
57.4343

■ 23.3490, 23.4874,
50.3173

■ 79.3017, 83.0317,
58.8615

■ 19.7503, 19.2445,
49.6881

■ 82.9504, 90.3291,
60.0777

■ 16.7999, 15.6259,
49.1451

■ 85.9698, 96.3679,
61.0842

■ 14.4550, 12.5984,
48.6843

■ 12.6667, 10.1250,
48.3011

■ 11.3775, 8.1635,
47.9905

Harmonies

Analogous

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



44.5630, 47.2786, 53.4917



44.9592, 47.2786, 53.7698



45.3517, 47.2786, 53.4262

Triad

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



44.9592, 47.2786, 53.7698



45.6120, 47.2786, 50.3030



44.2464, 47.2786, 50.4120

Complementary

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



44.9592, 47.2786, 53.7698



46.1831, 48.5984, 50.6631

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.



44.5246, 47.2786, 49.5785



44.9592, 47.2786, 53.7698



45.3129, 47.2786, 49.5162

Square

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



44.9592, 47.2786, 53.7698



45.7300, 47.2786, 51.4145



44.9146, 47.2786, 49.2530



44.1530, 47.2786, 51.5423

Rectangle

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



44.9592, 47.2786, 53.7698



45.5581, 47.2786, 52.8938



44.9146, 47.2786, 49.2530



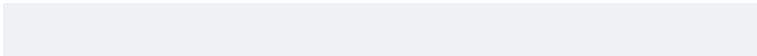
44.3213, 47.2786, 50.0884

Sweetspot

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



44.9606, 47.2806, 53.7708



83.2890, 87.6164, 96.7233



45.5735, 48.8637, 52.8740



18.3562, 19.3100, 21.3023



90.7827, 95.5105, 104.0109



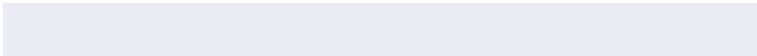
18.6292, 19.5994, 21.3438

Same Dimension

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



44.9606, 47.2806, 53.7708



79.4618, 83.5484, 96.1398



44.7621, 46.5693, 53.6440



9.9758, 10.4874, 12.1707



7.4432, 4.9982, 32.9653



0.3530, 0.3186, 1.3117

Inverse Universe

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



45.5657, 47.0324, 51.4787



80.8289, 82.9947, 90.9602



46.3856, 49.3293, 50.7935



10.1746, 10.4076, 11.4171



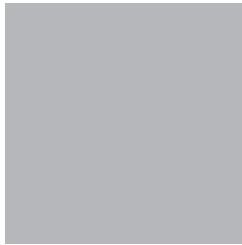
14.7578, 7.5343, 4.0180



0.6091, 0.3075, 0.3206

Previews

White Background



This preview shows how the XYZ color 44.9592, 47.2786, 53.7698 looks on a white background.

Color Contrast Check

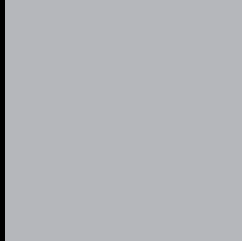
Large Text (above 18pt) WCAG AA × Fail

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 44.9592, 47.2786, 53.7698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

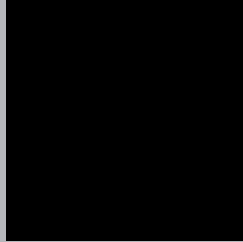
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9592, 47.2786, 53.7698

Background



This preview shows how black text looks on a background with the XYZ color 44.9592, 47.2786, 53.7698.



This preview shows how white text looks on a background with the XYZ color 44.9592, 47.2786,

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

44.9592, 47.2786, 53.7698

Protanopia

45.5985, 47.3154, 53.1839

Deuteranopia

48.0879, 47.0809, 54.1300



Tritanopia

45.9832, 47.3865, 58.9475

Trichromacy



Original Color

44.9592, 47.2786, 53.7698

Protanomaly

45.3580, 47.1914, 53.1726

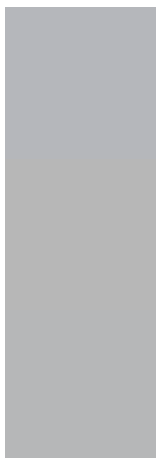
Deuteranomaly

46.9354, 47.0775, 54.1901

Tritanomaly

45.6450, 47.2512, 57.1667

Monochromacy



Original Color

44.9592, 47.2786, 53.7698

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8766, 47.2727, 52.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9592, 47.2786, 53.7698 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(181, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 187)  
}
```

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(181, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 187) }
```

Border

The CSS property to change the border of an element to XYZ 44.9592, 47.2786, 53.7698 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(181, 183, 187) }
```


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

```
.border{ border-color:rgb(181, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9592, 47.2786, 53.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 187) }
```

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

```
.background{ background-color: rgb(181,  
183, 187) }
```

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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