

Converting Colors

XYZ(44.3304, 47.3364, 52.2882)

Have a look what the booklet for
XYZ(44.3304, 47.3364, 52.2882)
contains.

XYZ(44.3826, 47.3254, 52.1429)	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(44.3826, 47.3254,
52.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B8B8
RGB	179, 184, 184
RGB Percent	70%, 72%, 72%
CMY	0.2980, 0.2784, 0.2784
CMYK	0.03, 0.00, 0.00, 0.28
HSL	180°, 3%, 71%
HSV	180°, 3%, 72%
XYZ	44.3826, 47.3254, 52.1429
YIQ	182.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

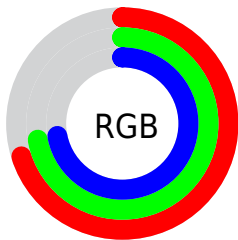
Format	Color
R_{YB}	179, 182, 184
Decimal	11778232
CIE _{Lab}	74.40, -1.74, -0.62
CIE _{LCh}	74, 1.843, 199.535
Yxy	47.3254, 0.3085, 0.3290
Android (android.graphics.Color)	4289968312 (0xFFB3B8B8)
YUV	182.5050, 0.7370, -3.0739
Hunter-Lab	68.7935, -5.2280, 3.2158

Details

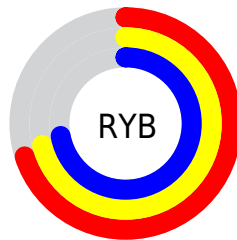
The XYZ color **44.3826, 47.3254, 52.1429** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0257, 45.6864, 49.1480**, and the grayscale version is **44.7372, 47.0670, 51.2560**.

A 20% lighter version of the original color is **81.1492, 86.2736, 94.8135**, and **20.8172, 22.3069, 24.6812** is the 20% darker color. If you saturate the color by 10%, you get **40.4096, 45.2787, 51.9516**, and if you desaturate by 10%, it is **48.9258, 49.6687, 52.3629**.

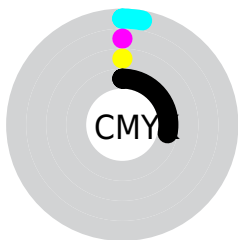
Distribution



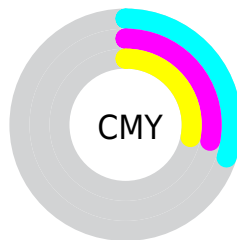
- Red (70%)
- Green (72%)
- Blue (72%)



- Red (70%)
- Yellow (71%)
- Blue (72%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3826, 47.3254, 52.1429 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 44.3826, 47.3254, 52.1429 by changing the saturation by 10% instead.

■ 44.3826, 47.3254,
52.1429

■ 44.3826, 47.3254,
52.1429

355.0932,
376.1119, 411.9607

■ 31.1706, 33.2930,
36.7360

■ 81.0359, 86.1991,
94.7707

■ 20.8813, 22.3510,
24.7089

105.2080,
111.8092, 122.8286

■ 13.1492, 14.1150,
15.6433

133.7641,
142.0473, 155.9406

■ 7.6091, 8.2007,
9.1205

167.0697,
177.2979, 194.5252

■ 3.8955, 4.2236,
4.7220

205.4900,
217.9452, 239.0010

■ 1.6432, 1.7994,
2.0292

249.3905,

■ 0.4203, 0.4868,

264.3737, 289.7865

0.5731

299.1364,
316.9678, 347.3002

■ 0.0000, 0.0000,
0.0000

■ 44.3826, 47.3254,
52.1429

■ 44.3826, 47.3254,
52.1429

■ 40.4096, 45.2787,
51.9516

■ 48.9258, 49.6687,
52.3629

■ 36.9806, 43.5111,
51.7847

■ 54.0562, 52.3133,
52.6093

■ 34.0729, 42.0123,
51.6423

■ 59.7951, 55.2718,
52.8843

■ 31.6611, 40.7691,
51.5230

■ 66.1618, 58.5537,
53.1886

■ 29.7176, 39.7673,
51.4257

■ 67.0394, 59.0060,
53.2361

■ 28.2118, 38.9912,
51.3489

■ 67.0406, 59.0065,
53.2425

■ 27.1099, 38.4233,
51.2909

■ 67.0418, 59.0070,
53.2489

■ 26.3729, 38.0435,
51.2501

■ 67.0431, 59.0075,
53.2554

■ 25.9542, 37.8278,
51.2241

■ 67.0443, 59.0080,
53.2618

Harmonies

Analogous

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



44.3567, 47.3254, 51.1981



44.3826, 47.3254, 52.1429



44.5685, 47.3254, 52.9324

Triad

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



44.3826, 47.3254, 52.1429



45.4687, 47.3254, 52.7246



45.0974, 47.3254, 49.7528

Complementary

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



44.3826, 47.3254, 52.1429



44.0257, 45.6864, 49.1480

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.



45.3968, 47.3254, 50.1512



44.3826, 47.3254, 52.1429



45.6119, 47.3254, 51.8620

Square

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



44.3826, 47.3254, 52.1429



45.1951, 47.3254, 53.2711



45.5855, 47.3254, 50.9206



44.7683, 47.3254, 49.8259

Rectangle

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



44.3826, 47.3254, 52.1429



44.7586, 47.3254, 53.2607



45.5855, 47.3254, 50.9206



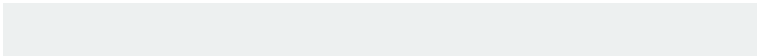
45.2049, 47.3254, 49.8358

Sweetspot

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



44.3839, 47.3274, 52.1439



81.7816, 86.4738, 94.5842



43.8882, 47.1313, 49.4325



17.6395, 18.6466, 20.3908



88.6918, 93.3107, 101.6153



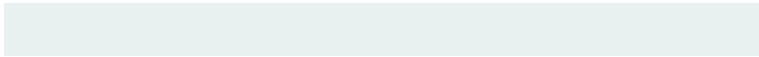
17.8044, 18.7317, 20.3988

Same Dimension

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



44.3839, 47.3274, 52.1439



80.1990, 85.6580, 94.5078



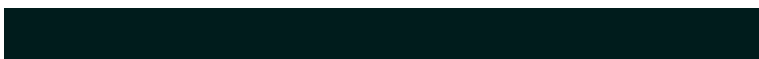
43.8862, 46.3314, 51.9797



9.7694, 10.4698, 11.5849



17.7675, 26.0079, 35.2931



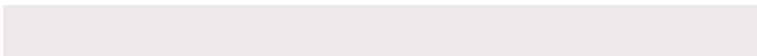
0.6264, 0.9169, 1.2446

Inverse Universe

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



44.0257, 45.6864, 49.1480



79.4721, 82.3284, 88.4293



44.5143, 46.6642, 49.3093



9.6608, 9.9722, 10.6765



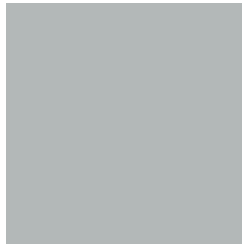
13.6239, 7.0233, 0.6404



0.4804, 0.2476, 0.0230

Previews

White Background



This preview shows how the XYZ color 44.3826, 47.3254, 52.1429 looks on a white background.

Color Contrast Check

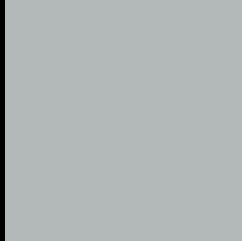
Large Text (above 18pt) WCAG AA × Fail

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 44.3826, 47.3254, 52.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

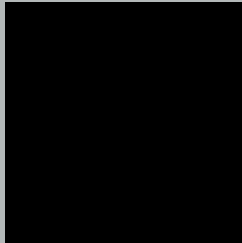
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

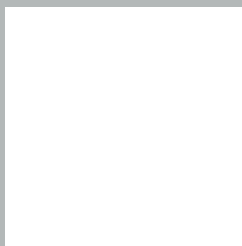
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3826, 47.3254, 52.1429

Background



This preview shows how black text looks on a background with the XYZ color 44.3826, 47.3254, 52.1429.

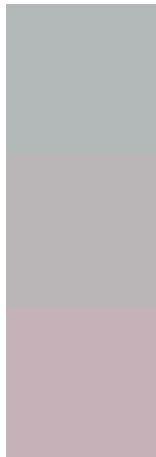


This preview shows how white text looks on a background with the XYZ color 44.3826, 47.3254,

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

44.3826, 47.3254, 52.1429

Protanopia

45.5249, 47.3139, 51.5328

Deuteranopia

48.0323, 47.0892, 52.4565



Tritanopia

45.7478, 47.2652, 58.9365

Trichromacy



Original Color

44.3826, 47.3254, 52.1429

Protanomaly

45.0092, 47.3531, 51.5676

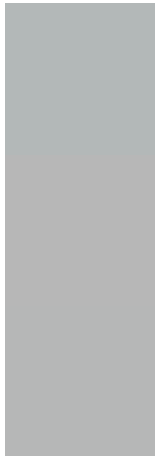
Deuteranomaly

46.8164, 47.3518, 52.5713

Tritanomaly

45.2703, 47.3760, 56.6277

Monochromacy



Original Color

44.3826, 47.3254, 52.1429

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.7721, 47.2310, 51.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3826, 47.3254, 52.1429 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(179, 184, 184) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 44.3826, 47.3254, 52.1429 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(179, 184, 184) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 44.3826, 47.3254, 52.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(179,  
184, 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](#).

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