

Converting Colors

XYZ(39.8291, 44.6909, 46.2287)

Have a look what the booklet for
XYZ(39.8291, 44.6909, 46.2287)
contains.

XYZ(39.7862, 44.7766, 46.0810)	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(39.7862, 44.7766,
46.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B7AD
RGB	164, 183, 173
RGB Percent	64%, 72%, 68%
CMY	0.3569, 0.2823, 0.3216
CMYK	0.10, 0.00, 0.05, 0.28
HSL	148°, 12%, 68%
HSV	148°, 10%, 72%
XYZ	39.7862, 44.7766, 46.0810
YIQ	176.1790, -8.1140, -7.1380

Conversions

Conversions Part 2

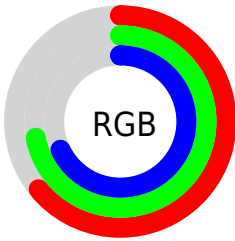
Format	Color
RYB	164, 177, 183
Decimal	10794925
CIELab	72.74, -8.49, 2.85
CIELCh	73, 8.959, 161.457
Yxy	44.7766, 0.3045, 0.3427
Android (android.graphics.Color)	4288985005 (0xFFA4B7AD)
YUV	176.1790, -1.5672, -10.6810
Hunter-Lab	66.9153, -10.9701, 6.0109

Details

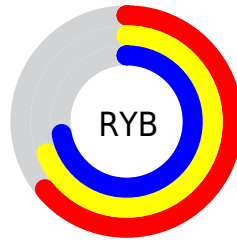
The XYZ color **39.7862, 44.7766, 46.0810** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4455, 39.6754, 45.5730**, and the grayscale version is **41.3722, 43.5268, 47.4006**.

A 20% lighter version of the original color is **74.0835, 82.3945, 85.3979**, and **18.1159, 20.7905, 21.1473** is the 20% darker color. If you saturate the color by 10%, you get **35.3793, 42.6098, 41.1835**, and if you desaturate by 10%, it is **44.8064, 47.2542, 51.3600**.

Distribution



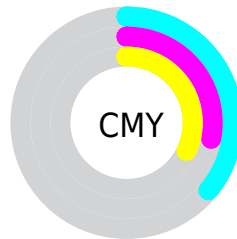
- Red (64%)
- Green (72%)
- Blue (68%)



- Red (64%)
- Yellow (69%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7862, 44.7766, 46.0810 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 39.7862, 44.7766, 46.0810 by changing the saturation by 10% instead.

■ 39.7862, 44.7766,
46.0810

■ 39.7862, 44.7766,
46.0810

336.3715,
365.8680, 387.4212

■ 27.5554, 31.2815,
31.9606

■ 74.1242, 82.3851,
85.6758

■ 18.1295, 20.8133,
21.0669

■ 96.9622, 107.2672,
111.9872

■ 11.1432, 12.9876,
12.9812

124.0665,
136.7139, 143.1995

■ 6.2313, 7.4200,
7.2850

155.8025,
171.1094, 179.7310

■ 3.0282, 3.7261,
3.5598

192.5357,
210.8382, 222.0005

■ 1.1687, 1.5216,
1.3871

234.6314,

■ 0.0814, 0.3038,

256.2846, 270.4263

0.1316

282.4549,
307.8331, 325.4270

■ 0.0000, 0.0000,
0.0000

■ 39.7862, 44.7766,
46.0810

■ 39.7862, 44.7766,
46.0810

■ 35.3793, 42.6098,
41.1835

■ 44.8064, 47.2542,
51.3600

■ 31.5572, 40.7358,
36.6560

■ 50.4591, 50.0487,
57.0256

■ 28.2952, 39.1430,
32.4906

■ 56.7674, 53.1732,
63.0869

■ 25.5649, 37.8170,
28.6782

■ 63.7522, 56.6381,
69.5515

■ 23.3354, 36.7421,
25.2092

■ 71.2477, 60.3580,
76.4182

■ 21.5726, 35.9009,
22.0736

■ 72.5698, 60.8868,
83.3806

■ 20.2376, 35.2736,
19.2606

■ 73.9669, 61.4457,
90.7373

■ 19.2847, 34.8368,
16.7589

■ 75.4400, 62.0349,
98.4944

■ 18.6413, 34.5514,
14.6336

■ 76.2243, 62.3486,
102.6248

Harmonies

Analogous

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



40.6096, 44.7766, 42.6133



39.7862, 44.7766, 46.0810



39.6948, 44.7766, 50.4751

Triad

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



39.7862, 44.7766, 46.0810



43.1556, 44.7766, 57.6385



44.8395, 44.7766, 43.3011

Complementary

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



39.7862, 44.7766, 46.0810



40.4455, 39.6754, 45.5730

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.



45.5574, 44.7766, 47.0727



39.7862, 44.7766, 46.0810



44.5695, 44.7766, 55.4583

Square

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



39.7862, 44.7766, 46.0810



41.6149, 44.7766, 57.3327



45.4573, 44.7766, 51.5286



43.5169, 44.7766, 41.0770

Rectangle

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



39.7862, 44.7766, 46.0810



40.0586, 44.7766, 53.3613



45.4573, 44.7766, 51.5286



45.1610, 44.7766, 44.4200

Sweetspot

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



39.7875, 44.7785, 46.0820



77.7381, 83.3905, 89.3933



41.1212, 45.5633, 41.7500



17.0062, 18.3376, 19.5736



88.6918, 93.3107, 101.6153



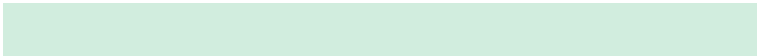
17.8044, 18.7317, 20.3988

Same Dimension

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



39.7875, 44.7785, 46.0820



69.7427, 79.4488, 80.8862



40.7263, 45.1541, 51.0261



9.0627, 10.1290, 10.4874



13.0381, 24.1162, 10.3883



0.4909, 0.8627, 0.5311

Inverse Universe

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



40.4455, 39.6754, 45.5730



71.1102, 68.8443, 79.8283



39.5635, 39.3226, 40.9282



9.1968, 9.0891, 10.3836



15.1418, 7.6305, 8.6333



0.5648, 0.2814, 0.4678

Previews

White Background



This preview shows how the XYZ color 39.7862, 44.7766, 46.0810 looks on a white background.

Color Contrast Check

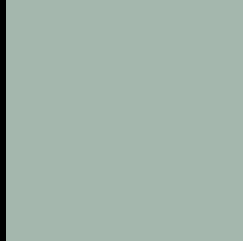
Large Text (above 18pt) WCAG AA × Fail

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 39.7862, 44.7766, 46.0810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

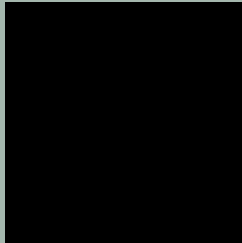
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7862, 44.7766, 46.0810

Background



This preview shows how black text looks on a background with the XYZ color 39.7862, 44.7766, 46.0810.



This preview shows how white text looks on a background with the XYZ color 39.7862, 44.7766,

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

39.7862, 44.7766, 46.0810

Protanopia

42.5063, 44.4138, 44.3626

Deuteranopia

45.2553, 44.3360, 46.7299



Tritanopia

42.2073, 44.8624, 57.4737

Trichromacy



Original Color

39.7862, 44.7766, 46.0810

Protanomaly

41.3753, 44.4106, 44.9195

Deuteranomaly

42.9325, 44.2970, 46.3318

Tritanomaly

41.3231, 44.8084, 52.9253

Monochromacy



Original Color

39.7862, 44.7766, 46.0810

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8712, 44.1060, 46.9166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7862, 44.7766, 46.0810 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(164, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 173)  
}
```

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(164, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 173) }
```

Border

The CSS property to change the border of an element to XYZ 39.7862, 44.7766, 46.0810 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(164, 183, 173) }
```


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

```
.border{ border-color:rgb(164, 183, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 183, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7862, 44.7766, 46.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 173) }
```

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

```
.background{ background-color: rgb(164,  
183, 173) }
```

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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