

Converting Colors

XYZ(44.8099, 51.3609, 24.6915)

Have a look what the booklet for
XYZ(44.8099, 51.3609, 24.6915)
contains.

XYZ(44.8099, 51.3609, 24.6915)	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(44.8099, 51.3609,
24.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C276
RGB	194, 194, 118
RGB Percent	76%, 76%, 46%
CMY	0.2392, 0.2392, 0.5372
CMYK	0.00, 0.00, 0.39, 0.24
HSL	60°, 38%, 61%
HSV	60°, 39%, 76%
XYZ	44.8099, 51.3609, 24.6915
YIQ	185.3360, 24.3960, -23.6360

Conversions

Conversions Part 2

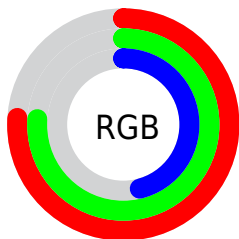
Format	Color
RYB	118, 194, 118
Decimal	12763766
CIELab	76.90, -11.27, 38.21
CIELCh	77, 39.833, 106.436
Yxy	51.3609, 0.3708, 0.4250
Android (android.graphics.Color)	4290953846 (0xFFC2C276)
YUV	185.3360, -33.1966, 7.5983
Hunter-Lab	71.6665, -13.8083, 29.7392

Details

The XYZ color **44.8099, 51.3609, 24.6915** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6892, 20.7048, 53.7898**, and the grayscale version is **46.4720, 48.8922, 53.2436**.

A 20% lighter version of the original color is **81.6812, 92.0069, 51.9821**, and **21.2157, 24.9561, 9.1677** is the 20% darker color. If you saturate the color by 10%, you get **43.7738, 50.9482, 19.2317**, and if you desaturate by 10%, it is **46.0857, 51.8731, 31.4022**.

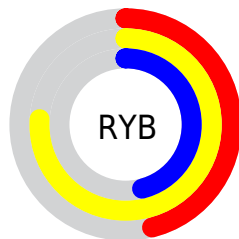
Distribution



Red (76%)

Green (76%)

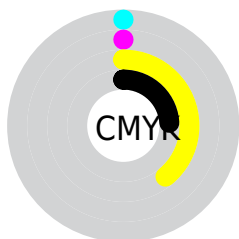
Blue (46%)



Red (46%)

Yellow (76%)

Blue (46%)

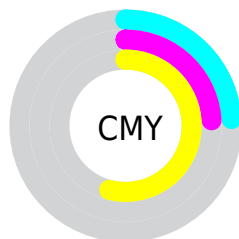


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8099, 51.3609, 24.6915 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 44.8099, 51.3609, 24.6915 by changing the saturation by 10% instead.

■ 44.8099, 51.3609,
24.6915

■ 44.8099, 51.3609,
24.6915

356.7998,
391.9643, 289.6964

■ 31.5084, 36.4959,
15.6304

■ 81.6739, 92.1880,
52.1142

■ 21.1400, 24.8174,
9.1115

■ 105.9671,
118.9189, 71.3129

■ 13.3394, 15.9411,
4.7162

■ 134.6548,
150.3740, 94.7279

■ 7.7413, 9.4825,
2.0259

168.1025,
186.9375, 122.7778

■ 3.9803, 5.0572,
0.5711

206.6755,
228.9939, 155.8810

■ 1.6910, 2.2809,
0.0000

250.7391,

■ 0.4506, 0.7636,

276.9275, 194.4562

0.0000

300.6588,
331.1229, 238.9218

■ 0.0000, 0.0000,
0.0000

■ 44.8099, 51.3609,
24.6915

■ 44.8099, 51.3609,
24.6915

■ 43.7738, 50.9482,
19.2317

■ 46.0857, 51.8731,
31.4022

■ 42.9589, 50.6223,
14.9425

■ 47.6107, 52.4831,
39.4313

■ 42.3503, 50.3788,
11.7394

■ 49.3987, 53.1984,
48.8449


■ 41.9294, 50.2104,
9.5250


■ 51.4612, 54.0234,
59.7041


■ 41.6746, 50.1084,
8.1849


■ 53.8092, 54.9626,
72.0661


 41.5477, 50.0576,
7.5182

 56.4527, 56.0201,
85.9852

 41.5389, 50.0541,
7.4721

 59.4018, 57.1998,
101.5130

 59.5938, 57.2766,
102.5223

 59.5942, 57.2768,
102.5223

Harmonies

Analogous

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



52.3142, 51.3609, 24.3791



44.8099, 51.3609, 24.6915



39.0032, 51.3609, 31.8156

Triad

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



44.8099, 51.3609, 24.6915



39.4494, 51.3609, 91.9315



64.3929, 51.3609, 66.2908

Complementary

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



44.8099, 51.3609, 24.6915



23.6892, 20.7048, 53.7898

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.



60.1526, 51.3609, 89.8876



44.8099, 51.3609, 24.6915



45.4792, 51.3609, 107.0787

Square

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



44.8099, 51.3609, 24.6915



36.1345, 51.3609, 68.5786



53.0561, 51.3609, 106.2465



64.1659, 51.3609, 44.9293

Rectangle

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



44.8099, 51.3609, 24.6915



36.6439, 51.3609, 40.8466



53.0561, 51.3609, 106.2465



63.4254, 51.3609, 74.3167

Sweetspot

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



44.8112, 51.3632, 24.6926



88.4649, 95.9652, 83.0775



31.9983, 25.7355, 20.4212



19.2764, 20.9768, 17.6851



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.



44.8112, 51.3632, 24.6926



79.5459, 92.3974, 36.1226



36.2741, 46.9622, 24.2930



10.9134, 11.7583, 10.7563



27.3090, 32.9071, 4.9124



1.1800, 1.4218, 0.2123

Inverse Universe

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



23.6892, 20.7048, 53.7898



35.9401, 29.1039, 96.1931



29.9279, 23.9210, 54.0818



9.5284, 9.7480, 12.6642



6.4023, 2.5610, 33.7135



0.2766, 0.1107, 1.4567

Previews

White Background



This preview shows how the XYZ color 44.8099, 51.3609, 24.6915 looks on a white background.

Color Contrast Check

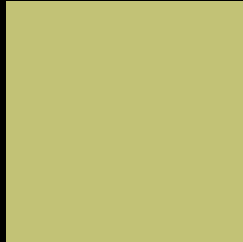
Large Text (above 18pt) WCAG AA × Fail

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 44.8099, 51.3609, 24.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

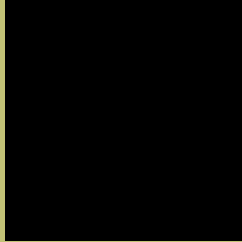
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8099, 51.3609, 24.6915

Background



This preview shows how black text looks on a background with the XYZ color 44.8099, 51.3609, 24.6915.



This preview shows how white text looks on a background with the XYZ color 44.8099, 51.3609, 24.6915.

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

44.8099, 51.3609, 24.6915

Protanopia

47.2980, 51.3533, 23.9423

Deuteranopia

52.2882, 51.0862, 25.1939



Tritanopia

52.0779, 51.1010, 61.1515

Trichromacy



Original Color

44.8099, 51.3609, 24.6915

Protanomaly

46.1988, 51.1025, 24.2585

Deuteranomaly

49.2680, 51.0728, 25.0306

Tritanomaly

49.0583, 51.1481, 45.3171

Monochromacy



Original Color

44.8099, 51.3609, 24.6915

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1553, 49.2310, 40.8408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8099, 51.3609, 24.6915 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(194, 194, 118)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 118)  
}
```

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(194, 194, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 118) }
```

Border

The CSS property to change the border of an element to XYZ 44.8099, 51.3609, 24.6915 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(194, 194, 118) }
```


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

```
.border{ border-color:rgb(194, 194, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 118);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8099, 51.3609, 24.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 118) }
```

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

```
.background{ background-color: rgb(194,  
194, 118) }
```

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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