

Converting Colors

XYZ(24.3999, 48.2753, 8.0321)

Have a look what the booklet for
XYZ(24.3999, 48.2753, 8.0321)
contains.

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Color

**XYZ(24.3999, 48.2753,
8.0321)**

Conversions

Conversions Part 1

Format	Color
Hex	17D600
RGB	23, 214, 0
RGB Percent	9%, 84%, 0%
CMY	0.9098, 0.1608, 0.9999
CMYK	0.89, 0.00, 1.00, 0.16
HSL	114°, 100%, 42%
HSV	114°, 100%, 84%
XYZ	24.3999, 48.2753, 8.0321
YIQ	132.4950, -45.1420, -107.0460

Conversions

Conversions Part 2

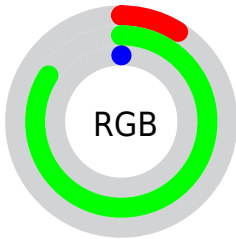
Format	Color
RYB	0, 214, 191
Decimal	1562112
CIELab	75.00, -74.46, 73.01
CIELCh	75, 104.284, 135.561
Yxy	48.2753, 0.3023, 0.5982
Android (android.graphics.Color)	4279752192 (0xFF17D600)
YUV	132.4950, -65.3200, -96.0271
Hunter-Lab	69.4804, -58.9057, 41.7822

Details

The XYZ color **24.3999, 48.2753, 8.0321** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **33.6326, 15.9365, 64.9244**, and the grayscale version is **22.3541, 23.5182, 25.6113**.

A 20% lighter version of the original color is **44.1703, 75.6708, 20.6654**, and **12.0570, 24.1139, 4.0190** is the 20% darker color. If you saturate the color by 10%, you get **24.4003, 48.2770, 8.0324**, and if you desaturate by 10%, it is **25.1459, 48.6452, 8.7946**.

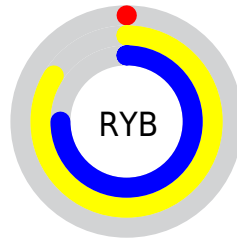
Distribution



Red (9%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (75%)

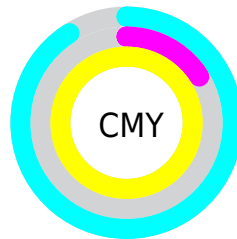


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (91%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3999, 48.2753, 8.0321 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 24.3999, 48.2753, 8.0321 by changing the saturation by 10% instead.

■ 24.3999, 48.2753,
8.0321

■ 24.3999, 48.2753,
8.0321

267.2392,
379.8823, 185.9276

■ 15.7569, 34.0450,
4.0274

■ 50.1319, 87.6142,
22.5686

■ 9.4420, 22.9281,
1.6404

■ 67.9517, 113.4915,
33.9374

■ 5.0900, 14.5405,
0.3194

■ 89.5610, 144.0199,
48.5981

■ 2.3355, 8.4975,
0.0000

■ 115.3253,
179.5838, 66.9691

■ 0.8127, 4.4149,
0.0000

■ 145.6099,
220.5676, 89.4690

■ 0.0000, 1.9083,
0.0000

■ 180.7802,

■ 0.0000, 0.5533,

267.3557, 116.5164

0.0000

221.2015,
320.3325, 148.5297

■ 0.0000, 0.0000,
0.0000

■ 24.3999, 48.2753,
8.0321

■ 24.3999, 48.2753,
8.0321

■ 24.4003, 48.2770,
8.0324

■ 25.1459, 48.6452,
8.7946

■ 26.4175, 49.2669,
10.3862

■ 28.3138, 50.1868,
13.0794

■ 30.9029, 51.4369,
17.0256

■ 34.2441, 53.0449,
22.3520

■ 38.3901, 55.0356,
29.1704

■ 43.3889, 57.4316,
37.5812

■ 49.2847, 60.2536,
47.6761

■ 56.1186, 63.5211,
59.5397

Harmonies

Analogous

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



36.7498, 48.2753, 2.4459



24.3999, 48.2753, 8.0321



18.7844, 48.2753, 30.5206

Triad

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



24.3999, 48.2753, 8.0321



37.3502, 48.2753, 233.4225



90.9420, 48.2753, 29.1614

Complementary

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



24.3999, 48.2753, 8.0321



33.6326, 15.9365, 64.9244

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.



91.2350, 48.2753, 83.2698



24.3999, 48.2753, 8.0321



56.4191, 48.2753, 231.9901

Square

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



24.3999, 48.2753, 8.0321



24.7341, 48.2753, 168.5353



77.2895, 48.2753, 165.3990



76.5743, 48.2753, 7.6243

Rectangle

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



24.3999, 48.2753, 8.0321



18.2472, 48.2753, 63.3890



77.2895, 48.2753, 165.3990



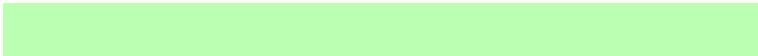
92.7994, 48.2753, 43.0466

Sweetspot

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



24.4010, 48.2773, 8.0332



64.2694, 85.2830, 55.4571



45.9391, 50.7092, 7.3674



13.0484, 17.9149, 10.6733



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.



24.4010, 48.2773, 8.0332



36.2220, 71.7581, 11.9416



25.5729, 48.7053, 16.0462



12.3849, 13.9591, 13.2023



14.7905, 29.2011, 4.8568



0.9349, 1.7833, 0.2949

Inverse Universe

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



33.6326, 15.9365, 64.9244



49.9262, 23.6528, 96.5418



31.8965, 15.9627, 23.2225



12.8156, 12.5619, 15.6867



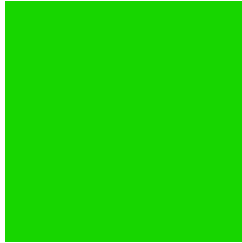
20.3808, 9.6592, 39.2434



1.2677, 0.6024, 2.3688

Previews

White Background



This preview shows how the XYZ color 24.3999, 48.2753, 8.0321 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 24.3999, 48.2753, 8.0321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

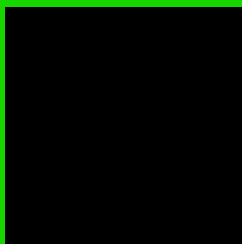
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3999, 48.2753, 8.0321

Background



This preview shows how black text looks on a background with the XYZ color 24.3999, 48.2753, 8.0321.



This preview shows how white text looks on a background with the XYZ color 24.3999, 48.2753,

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

24.3999, 48.2753, 8.0321

Protanopia

42.3871, 46.9888, 6.8357

Deuteranopia

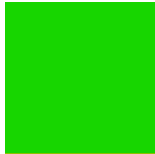
48.2623, 47.2924, 9.1694



Tritanopia

37.1028, 48.0285, 71.6049

Trichromacy



Original Color

24.3999, 48.2753, 8.0321



Protanomaly

29.9392, 44.0725, 6.9289



Deuteranomaly

31.9369, 43.4525, 7.8663



Tritanomaly

28.4230, 46.1852, 31.0835

Monochromacy



Original Color

24.3999, 48.2753, 8.0321



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

18.9342, 28.7561, 12.9400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3999, 48.2753, 8.0321 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(23, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 214, 0)  
}
```

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(23, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 214, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.3999, 48.2753, 8.0321 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(23, 214, 0) }
```


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

```
.border{ border-color:rgb(23, 214, 0) }
```

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

Here you see how a box with a 4 pixel rgb(23, 214, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(23, 214, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.3999, 48.2753, 8.0321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 214, 0) }
```

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

```
.background{ background-color: rgb(23, 214,  
0) }
```

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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