

Converting Colors

XYZ(24.4347, 48.1336, 10.0559)

Have a look what the booklet for
XYZ(24.4347, 48.1336, 10.0559)
contains.

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Color

**XYZ(24.5219, 48.2919,
10.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	06D629
RGB	6, 214, 41
RGB Percent	2%, 84%, 16%
CMY	0.9765, 0.1608, 0.8392
CMYK	0.97, 0.00, 0.81, 0.16
HSL	130°, 95%, 43%
HSV	130°, 97%, 84%
XYZ	24.5219, 48.2919, 10.1267
YIQ	132.0860, -68.4350, -97.8990

Conversions

Conversions Part 2

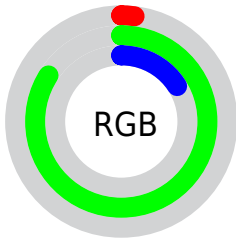
Format	Color
R _{YB}	6, 184, 214
Decimal	448041
CIE Lab	75.01, -73.97, 66.30
CIE LCh	75, 99.335, 138.133
Yxy	48.2919, 0.2957, 0.5822
Android (android.graphics.Color)	4278638121 (0xFF06D629)
YUV	132.0860, -44.9054, -110.5774
Hunter-Lab	69.4924, -58.6240, 40.0047

Details

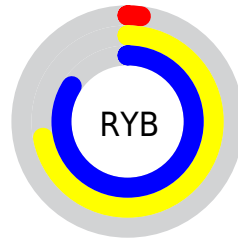
The XYZ color **24.5219, 48.2919, 10.1267** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **35.9342, 17.6816, 44.1653**, and the grayscale version is **22.1393, 23.2922, 25.3652**.

A 20% lighter version of the original color is **44.2933, 75.6477, 24.5789**, and **12.0570, 24.1139, 4.0190** is the 20% darker color. If you saturate the color by 10%, you get **24.3662, 48.2225, 9.6940**, and if you desaturate by 10%, it is **25.2947, 48.6473, 12.1683**.

Distribution



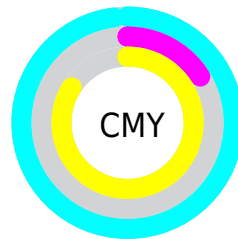
- Red (2%)
- Green (84%)
- Blue (16%)



- Red (2%)
- Yellow (72%)
- Blue (84%)



- Cyan (97%)
- Magenta (0%)
- Yellow (81%)
- Black (16%)





- Cyan (98%)
- Magenta (16%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5219, 48.2919, 10.1267 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 24.5219, 48.2919, 10.1267 by changing the saturation by 10% instead.


 24.5219, 48.2919,
10.1267


 24.5219, 48.2919,
10.1267


267.8403,
379.9480, 202.0915


 15.8480, 34.0581,
5.3763


 50.3290, 87.6389,
26.6451


 9.5069, 22.9382,
2.4072


 68.1930, 113.5208,
39.2502


 5.1330, 14.5479,
0.7903


 89.8511, 144.0543,
55.3106


 2.3611, 8.5027,
0.0000

 115.6686,
179.6236, 75.2449

 0.8256, 4.4183,
0.0000

 146.0110,
220.6133, 99.4716

 0.0000, 1.9102,
0.0000

 181.2434,

 0.0000, 0.5545,

267.4076, 128.4092

0.0000

221.7314,
320.3911, 162.4764

■ 0.0000, 0.0000,
0.0000

■ 24.5219, 48.2919,
10.1267

■ 24.5219, 48.2919,
10.1267

■ 24.3662, 48.2225,
9.6940

■ 25.2947, 48.6473,
12.1683

■ 26.6303, 49.2734,
15.0557

■ 28.6266, 50.2201,
18.8699

■ 31.3576, 51.5244,
23.6812

■ 34.8875, 53.2178,
29.5532

■ 39.2732, 55.3285,
36.5440

■ 44.5664, 57.8820,
44.7076

■ 50.8146, 60.9018,
54.0945

■ 58.0620, 64.4096,
64.7521

Harmonies

Analogous

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



35.8806, 48.2919, 3.3244



24.5219, 48.2919, 10.1267



19.5338, 48.2919, 34.6034

Triad

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



24.5219, 48.2919, 10.1267



39.0964, 48.2919, 223.3608



87.6518, 48.2919, 27.2231

Complementary

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



24.5219, 48.2919, 10.1267



35.9342, 17.6816, 44.1653

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.



89.1791, 48.2919, 75.9067



24.5219, 48.2919, 10.1267



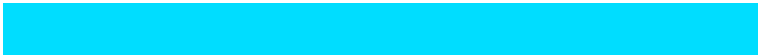
57.6300, 48.2919, 216.0318

Square

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



24.5219, 48.2919, 10.1267



26.3396, 48.2919, 167.5194



77.0717, 48.2919, 151.3562



73.3265, 48.2919, 7.7644

Rectangle

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



24.5219, 48.2919, 10.1267



19.3115, 48.2919, 68.0128



77.0717, 48.2919, 151.3562



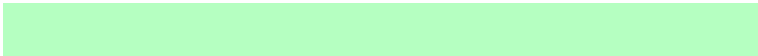
89.7948, 48.2919, 39.6812

Sweetspot

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



24.5230, 48.2939, 10.1278



64.5088, 85.2222, 63.7921



42.7487, 57.7321, 9.0627



13.0723, 17.8863, 12.5225



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.



24.5230, 48.2939, 10.1278



36.1945, 71.6938, 14.2081



29.2081, 50.1679, 34.7988



12.3468, 13.9297, 13.6409



14.7533, 29.1567, 5.9967



0.9166, 1.7693, 0.5027

Inverse Universe

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



35.9342, 17.6816, 44.1653



53.1342, 26.0177, 64.5641



29.0793, 14.9396, 8.0681



12.8591, 12.5951, 15.1983



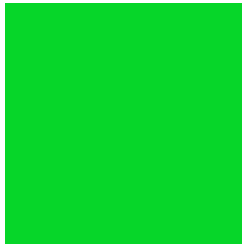
21.6516, 10.5970, 26.5333



1.3303, 0.6489, 1.7285

Previews

White Background



This preview shows how the XYZ color 24.5219, 48.2919, 10.1267 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 24.5219, 48.2919, 10.1267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

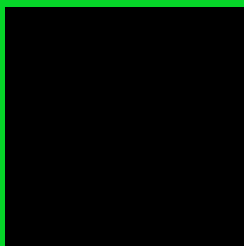
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.5219, 48.2919, 10.1267

Background



This preview shows how black text looks on a background with the XYZ color 24.5219, 48.2919, 10.1267.



This preview shows how white text looks on a background with the XYZ color 24.5219, 48.2919,

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

24.5219, 48.2919, 10.1267

Protanopia

42.6616, 47.0986, 8.2813

Deuteranopia

48.2915, 47.2670, 10.9931



Tritanopia

36.8090, 47.8770, 71.5911

Trichromacy



Original Color

24.5219, 48.2919, 10.1267



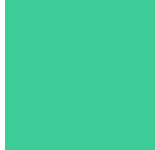
Protanomaly

29.2831, 43.6975, 8.5601



Deuteranomaly

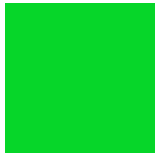
31.0762, 42.9574, 10.1438



Tritanomaly

29.0640, 46.3825, 37.1267

Monochromacy



Original Color

24.5219, 48.2919, 10.1267



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

19.0102, 28.7199, 16.3459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5219, 48.2919, 10.1267 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(6, 214, 41)` looks like.

```
.text, #text, p{  
    color:rgb(6, 214, 41)  
}
```

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(6, 214, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 214, 41) }
```

Border

The CSS property to change the border of an element to XYZ 24.5219, 48.2919, 10.1267 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(6, 214, 41) }
```


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

```
.border{ border-color:rgb(6, 214, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 214, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 214, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 214, 41);  
box-shadow:4px 4px 4px 4px rgb(6, 214, 41)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.5219, 48.2919, 10.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 214, 41) }
```

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

```
.background{ background-color: rgb(6, 214,  
41) }
```

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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