

Converting Colors

XYZ(24.1136, 48.2010, 8.1189)

Have a look what the booklet for
XYZ(24.1136, 48.2010, 8.1189)
contains.

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Color

**XYZ(24.0630, 48.0997,
8.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	00D603
RGB	0, 214, 3
RGB Percent	0%, 84%, 1%
CMY	1.0000, 0.1608, 0.9881
CMYK	1.00, 0.00, 0.99, 0.16
HSL	121°, 100%, 42%
HSV	121°, 100%, 84%
XYZ	24.0630, 48.0997, 8.1021
YIQ	125.9600, -59.8130, -110.9890

Conversions

Conversions Part 2

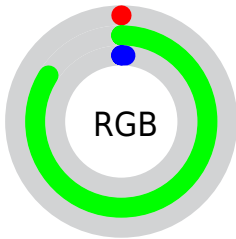
Format	Color
RYB	0, 211, 214
Decimal	54787
CIELab	74.89, -75.45, 72.58
CIELCh	75, 104.695, 136.111
Yxy	48.0997, 0.2998, 0.5993
Android (android.graphics.Color)	4278244867 (0xFF00D603)
YUV	125.9600, -60.6193, -110.4669
Hunter-Lab	69.3539, -59.4372, 41.6214

Details

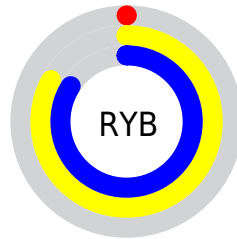
The XYZ color **24.0630, 48.0997, 8.1021** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **39.4876, 18.9987, 63.1984**, and the grayscale version is **20.0339, 21.0772, 22.9531**.

A 20% lighter version of the original color is **43.5446, 75.3482, 20.6361**, and **12.0570, 24.1139, 4.0190** is the 20% darker color. If you saturate the color by 10%, you get **24.0641, 48.1017, 8.1032**, and if you desaturate by 10%, it is **24.5315, 48.3254, 8.9058**.

Distribution



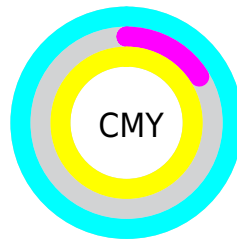
- Red (0%)
- Green (84%)
- Blue (1%)



- Red (0%)
- Yellow (83%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0630, 48.0997, 8.1021 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 24.0630, 48.0997, 8.1021 by changing the saturation by 10% instead.

■ 24.0630, 48.0997,
8.1021

■ 24.0630, 48.0997,
8.1021

265.5734,
379.1872, 186.4951

■ 15.5054, 33.9058,
4.0716

■ 49.5869, 87.3528,
22.7078

■ 9.2634, 22.8213,
1.6647

■ 67.2839, 113.1809,
34.1202

■ 4.9719, 14.4616,
0.3364

■ 88.7580, 143.6558,
48.8302

■ 2.2654, 8.4424,
0.0000

■ 114.3747,
179.1620, 67.2565

■ 0.7769, 4.3793,
0.0000

■ 144.4992,
220.0838, 89.8176

■ 0.0000, 1.8879,
0.0000

■ 179.4969,

■ 0.0000, 0.5411,

266.8057, 116.9321

0.0000

219.7332,
319.7120, 149.0184

■ 0.0000, 0.0000,
0.0000

■ 24.0630, 48.0997,
8.1021

■ 24.0630, 48.0997,
8.1021

■ 24.0641, 48.1017,
8.1032

■ 24.5315, 48.3254,
8.9058

■ 25.5134, 48.7955,
10.5790

■ 27.1678, 49.5889,
13.3436

■ 29.5861, 50.7496,
17.3429

■ 32.8455, 52.3147,
22.6983

■ 37.0136, 54.3169,
29.5166

■ 42.1514, 56.7854,
37.8943

■ 48.3144, 59.7470,
47.9193

■ 55.5541, 63.2265,
59.6731

Harmonies

Analogous

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



36.2818, 48.0997, 2.4056



24.0630, 48.0997, 8.1021



18.5686, 48.0997, 30.9998

Triad

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



24.0630, 48.0997, 8.1021



37.4714, 48.0997, 234.6546



90.7456, 48.0997, 28.3098

Complementary

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



24.0630, 48.0997, 8.1021



39.4876, 18.9987, 63.1984

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.



91.3278, 48.0997, 81.8271



24.0630, 48.0997, 8.1021



56.6614, 48.0997, 231.8030

Square

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



24.0630, 48.0997, 8.1021



24.7241, 48.0997, 170.2957



77.5467, 48.0997, 164.0561



76.1260, 48.0997, 7.3006

Rectangle

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



24.0630, 48.0997, 8.1021



18.0991, 48.0997, 64.3607



77.5467, 48.0997, 164.0561



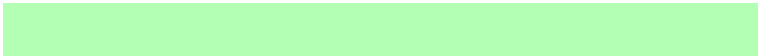
92.7041, 48.0997, 41.9737

Sweetspot

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



24.0641, 48.1017, 8.1032



62.4308, 84.3225, 55.9426



51.7802, 62.3918, 9.3137



12.6316, 17.6972, 10.7826



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.



24.0641, 48.1017, 8.1032



35.7798, 71.5279, 12.0241



26.7015, 49.1566, 21.9913



12.2695, 13.8988, 13.2336



14.5478, 29.0745, 4.9146



0.8800, 1.7547, 0.3099

Inverse Universe

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



39.4876, 18.9987, 63.1984



58.7146, 28.2498, 93.9498



30.3866, 15.3583, 15.2733



12.9451, 12.6295, 15.6512



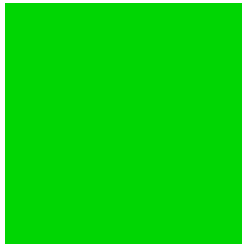
23.8702, 11.4844, 38.2163



1.4422, 0.6937, 2.3181

Previews

White Background



This preview shows how the XYZ color 24.0630, 48.0997, 8.1021 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 24.0630, 48.0997, 8.1021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

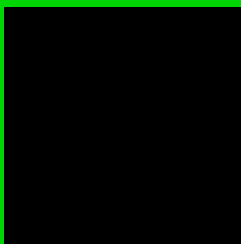
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

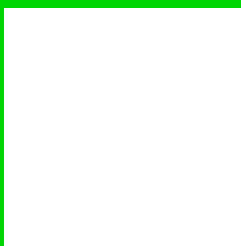
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0630, 48.0997, 8.1021

Background



This preview shows how black text looks on a background with the XYZ color 24.0630, 48.0997, 8.1021.



This preview shows how white text looks on a background with the XYZ color 24.0630, 48.0997,

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

24.0630, 48.0997, 8.1021

Protanopia

42.3871, 46.9888, 6.8357

Deuteranopia

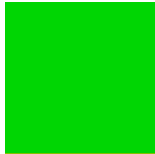
48.0698, 46.9074, 9.1052



Tritanopia

36.9056, 47.9268, 71.5956

Trichromacy



Original Color

24.0630, 48.0997, 8.1021



Protanomaly

28.6573, 43.4111, 6.8975



Deuteranomaly

30.0716, 42.1712, 7.7832



Tritanomaly

27.8677, 45.8906, 31.4337

Monochromacy



Original Color

24.0630, 48.0997, 8.1021



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

17.0203, 26.7533, 12.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0630, 48.0997, 8.1021 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(0, 214, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 3)  
}
```

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(0, 214, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 3) }
```

Border

The CSS property to change the border of an element to XYZ 24.0630, 48.0997, 8.1021 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(0, 214, 3) }
```


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

```
.border{ border-color:rgb(0, 214, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 214, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 214, 3); box-shadow:4px  
4px 4px 4px rgb(0, 214, 3) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0630, 48.0997, 8.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 3) }
```

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

```
.background{ background-color: rgb(0, 214,  
3) }
```

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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