

Converting Colors

XYZ(25.0515, 43.0785, 14.1098)

Have a look what the booklet for
XYZ(25.0515, 43.0785, 14.1098)
contains.

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Color

**XYZ(25.1068, 43.1024,
14.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	50C74E
RGB	80, 199, 78
RGB Percent	31%, 78%, 31%
CMY	0.6863, 0.2196, 0.6941
CMYK	0.60, 0.00, 0.61, 0.22
HSL	119°, 52%, 54%
HSV	119°, 61%, 78%
XYZ	25.1068, 43.1024, 14.2041
YIQ	149.6250, -32.0830, -62.8590

Conversions

Conversions Part 2

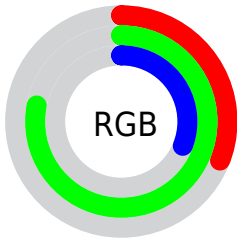
Format	Color
RYB	78, 199, 197
Decimal	5293902
CIELab	71.62, -56.88, 49.64
CIELCh	72, 75.494, 138.885
Yxy	43.1024, 0.3046, 0.5230
Android (android.graphics.Color)	4283483982 (0xFF50C74E)
YUV	149.6250, -35.3111, -61.0611
Hunter-Lab	65.6524, -46.6298, 33.1291

Details

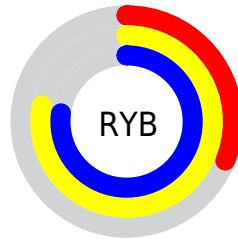
The XYZ color **25.1068, 43.1024, 14.2041** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **36.0620, 21.4444, 56.2737**, and the grayscale version is **28.9859, 30.4954, 33.2095**.

A 20% lighter version of the original color is **50.6720, 78.7341, 33.9993**, and **10.1181, 20.0044, 4.0870** is the 20% darker color. If you saturate the color by 10%, you get **23.0801, 42.1292, 10.9321**, and if you desaturate by 10%, it is **27.8327, 44.4136, 18.6373**.

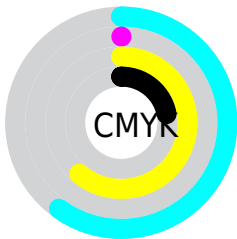
Distribution



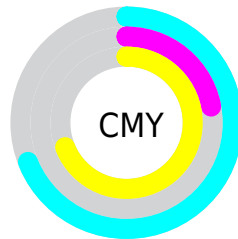
- Red (31%)
- Green (78%)
- Blue (31%)



- Red (31%)
- Yellow (78%)
- Blue (77%)



- Cyan (60%)
- Magenta (0%)
- Yellow (61%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1068, 43.1024, 14.2041 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 25.1068, 43.1024, 14.2041 by changing the saturation by 10% instead.

■ 25.1068, 43.1024,
14.2041

■ 25.1068, 43.1024,
14.2041

270.7072,
359.0327, 229.9693

■ 16.2858, 29.9655,
8.1224

■ 51.2721, 79.8654,
34.1731

■ 9.8187, 19.8124,
4.0845

■ 69.3471, 104.2602,
48.8974

■ 5.3403, 12.2587,
1.6718

■ 91.2374, 133.1764,
67.3397

■ 2.4851, 6.9201,
0.3413

■ 117.3085,
166.9985, 89.9184

■ 0.8877, 3.4122,
0.0000

■ 147.9257,
206.1107, 117.0523

■ 0.0000, 1.3505,
0.0000

183.4543,

■ 0.0000, 0.1798,

250.8976, 149.1596

0.0000

224.2597,
301.7435, 186.6591

■ 0.0000, 0.0000,
0.0000

■ 25.1068, 43.1024,
14.2041

■ 25.1068, 43.1024,
14.2041

■ 23.0801, 42.1292,
10.9321

■ 27.8327, 44.4136,
18.6373

■ 21.6861, 41.4583,
8.7102

■ 31.3102, 46.0841,
24.3236

■ 20.8513, 41.0558,
7.4109

■ 35.5905, 48.1396,
31.3490

■ 20.4654, 40.8698,
6.8100

■ 40.7193, 50.6020,
39.7910

■ 46.7387, 53.4916,
49.7213

■ 53.6883, 56.8273,
61.2067

■ 61.6053, 60.6268,
74.3101

■ 70.5245, 64.9069,
89.0906

■ 79.7143, 69.3286,
103.7881

Harmonies

Analogous

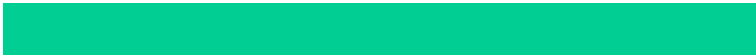
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.5196, 43.1024, 6.8764



25.1068, 43.1024, 14.2041



21.2809, 43.1024, 34.6326

Triad

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



25.1068, 43.1024, 14.2041



36.4118, 43.1024, 155.3509



68.8845, 43.1024, 27.6438

Complementary

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



25.1068, 43.1024, 14.2041



36.0620, 21.4444, 56.2737

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.



70.1100, 43.1024, 61.8430



25.1068, 43.1024, 14.2041



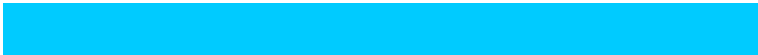
49.4444, 43.1024, 149.9346

Square

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



25.1068, 43.1024, 14.2041



26.8437, 43.1024, 122.3961



62.4025, 43.1024, 110.0627



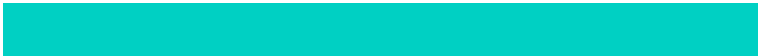
59.3379, 43.1024, 11.3768

Rectangle

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



25.1068, 43.1024, 14.2041



21.1738, 43.1024, 58.6579



62.4025, 43.1024, 110.0627



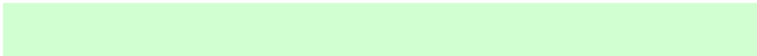
70.3478, 43.1024, 36.8818

Sweetspot

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



25.1078, 43.1042, 14.2051



73.8187, 89.8091, 73.8308



44.8928, 52.6194, 14.9989



15.1737, 18.9221, 14.7701



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.



25.1078, 43.1042, 14.2051



39.4961, 73.3225, 17.6768



28.0452, 44.2599, 30.5394



10.5134, 11.8961, 11.3048



13.1664, 26.2828, 4.3792



0.6292, 1.2475, 0.2076

Inverse Universe

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



36.0620, 21.4444, 56.2737



60.2882, 32.1401, 97.6339



31.0510, 19.5008, 27.1401



11.0651, 10.8074, 13.4203



21.2278, 10.1776, 35.5900



1.0108, 0.4848, 1.6854

Previews

White Background



This preview shows how the XYZ color 25.1068, 43.1024, 14.2041 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 25.1068, 43.1024, 14.2041 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 25.1068, 43.1024, 14.2041

Background



This preview shows how black text looks on a background with the XYZ color 25.1068, 43.1024, 14.2041.



This preview shows how white text looks on a background with the XYZ color 25.1068, 43.1024,

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

25.1068, 43.1024, 14.2041

Protanopia

38.5215, 42.1964, 12.0756

Deuteranopia

43.1292, 42.2732, 15.1189



Tritanopia

34.7377, 43.0561, 62.3569

Trichromacy



Original Color

25.1068, 43.1024, 14.2041



Protanomaly

31.3064, 41.1337, 12.7681



Deuteranomaly

33.0377, 40.4802, 14.4597



Tritanomaly

29.7536, 42.2926, 38.4934

Monochromacy



Original Color

25.1068, 43.1024, 14.2041



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.0982, 33.8205, 24.2213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1068, 43.1024, 14.2041 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(80, 199, 78)` looks like.

```
.text, #text, p{  
    color:rgb(80, 199, 78)  
}
```

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(80, 199, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 199, 78) }
```

Border

The CSS property to change the border of an element to XYZ 25.1068, 43.1024, 14.2041 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(80, 199, 78) }
```


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

```
.border{ border-color:rgb(80, 199, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 199, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 199, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 199, 78);  
box-shadow:4px 4px 4px 4px rgb(80, 199,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1068, 43.1024, 14.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 199, 78) }
```

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

```
.background{ background-color: rgb(80, 199,  
78) }
```

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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