

Converting Colors

XYZ(24.4975, 45.1441, 18.7318)

Have a look what the booklet for
XYZ(24.4975, 45.1441, 18.7318)
contains.

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Color

**XYZ(24.4975, 45.1441,
18.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	13CE61
RGB	19, 206, 97
RGB Percent	7%, 81%, 38%
CMY	0.9255, 0.1921, 0.6196
CMYK	0.91, 0.00, 0.53, 0.19
HSL	145°, 83%, 44%
HSV	145°, 91%, 81%
XYZ	24.4975, 45.1441, 18.7318
YIQ	137.6610, -76.4630, -73.5430

Conversions

Conversions Part 2

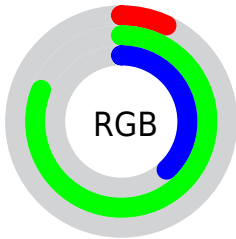
Format	Color
RYB	19, 151, 206
Decimal	1298017
CIELab	72.99, -65.37, 42.19
CIELCh	73, 77.799, 147.159
Yxy	45.1441, 0.2772, 0.5108
Android (android.graphics.Color)	4279488097 (0xFF13CE61)
YUV	137.6610, -20.0459, -104.0657
Hunter-Lab	67.1894, -52.4996, 30.5030

Details

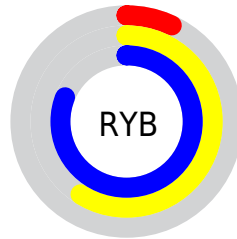
The XYZ color **24.4975, 45.1441, 18.7318** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **29.5841, 15.1468, 21.7881**, and the grayscale version is **24.1243, 25.3806, 27.6395**.

A 20% lighter version of the original color is **47.2089, 76.7862, 41.1872**, and **11.3995, 22.0099, 6.2323** is the 20% darker color. If you saturate the color by 10%, you get **23.7489, 44.8150, 16.1869**, and if you desaturate by 10%, it is **25.6928, 45.6919, 21.9363**.

Distribution



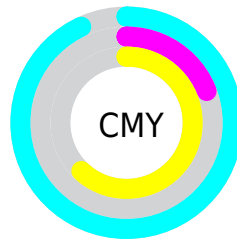
- Red (7%)
- Green (81%)
- Blue (38%)



- Red (7%)
- Yellow (59%)
- Blue (81%)



- Cyan (91%)
- Magenta (0%)
- Yellow (53%)
- Black (19%)





- Cyan (93%)
- Magenta (19%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4975, 45.1441, 18.7318 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 24.4975, 45.1441, 18.7318 by changing the saturation by 10% instead.


 24.4975, 45.1441,
18.7318

 24.4975, 45.1441,
18.7318


267.7202,
367.3569, 257.3373


 15.8298, 31.5709,
11.3018


 50.2896, 82.9366,
42.1111


 9.4939, 21.0340,
6.1535


 68.1448, 107.9247,
58.8974


 5.1244, 13.1489,
2.8683


 89.7931, 137.4867,
79.6396

 2.3559, 7.5311,
1.0278

 115.6000,
172.0068, 104.7562

 0.8231, 3.7964,
0.0000

 145.9308,
211.8694, 134.6657

 0.0000, 1.5603,
0.0000

181.1508,

 0.0000, 0.3306,

257.4591, 169.7867

0.0000

221.6255,
309.1601, 210.5377

■ 0.0000, 0.0000,
0.0000

■ 24.4975, 45.1441,
18.7318

■ 24.4975, 45.1441,
18.7318

■ 23.7489, 44.8150,
16.1869

■ 25.6928, 45.6919,
21.9363

■ 27.4004, 46.4923,
25.6249

■ 29.6843, 47.5793,
29.8191

■ 32.5980, 48.9799,
34.5379

■ 36.1885, 50.7181,
39.7993

■ 40.4979, 52.8153,
45.6206

■ 45.5652, 55.2913,
52.0178

■ 51.4261, 58.1640,
59.0067

■ 58.1141, 61.4507,
66.6022

Harmonies

Analogous

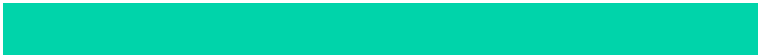
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.0596, 45.1441, 8.1258



24.4975, 45.1441, 18.7318



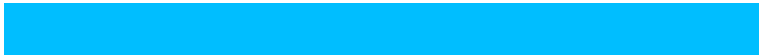
21.7568, 45.1441, 45.5400

Triad

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



24.4975, 45.1441, 18.7318



41.6268, 45.1441, 168.0477



70.5836, 45.1441, 22.3130

Complementary

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



24.4975, 45.1441, 18.7318



29.5841, 15.1468, 21.7881

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.



74.6251, 45.1441, 52.9548



24.4975, 45.1441, 18.7318



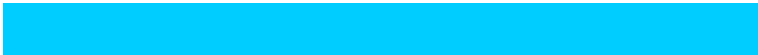
55.9634, 45.1441, 150.2171

Square

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



24.4975, 45.1441, 18.7318



30.2490, 45.1441, 142.5458



68.7954, 45.1441, 101.8800



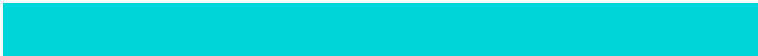
58.6823, 45.1441, 9.2942

Rectangle

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



24.4975, 45.1441, 18.7318



22.4833, 45.1441, 74.6793



68.7954, 45.1441, 101.8800



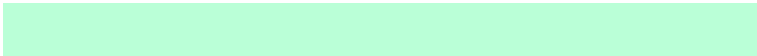
73.0028, 45.1441, 30.2296

Sweetspot

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



24.4986, 45.1459, 18.7328



68.2949, 86.8774, 77.3705



31.1050, 48.7873, 8.3938



14.0410, 18.3138, 15.8166



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.



24.4986, 45.1459, 18.7328



38.3804, 72.5682, 25.7189



31.6811, 48.0189, 56.5552



11.2589, 12.6133, 12.9207



14.6692, 27.6130, 10.2090



0.7943, 1.4395, 0.7244

Inverse Universe

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



29.5841, 15.1468, 21.7881



46.6359, 23.4184, 30.3445



25.9848, 13.7071, 2.8344



11.4819, 11.3215, 13.0725



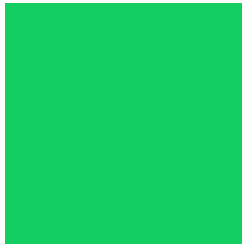
17.8133, 8.9359, 12.0012



0.9563, 0.4759, 0.8156

Previews

White Background



This preview shows how the XYZ color 24.4975, 45.1441, 18.7318 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 24.4975, 45.1441, 18.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

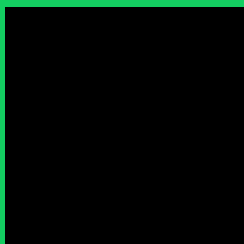
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.4975, 45.1441, 18.7318

Background



This preview shows how black text looks on a background with the XYZ color 24.4975, 45.1441, 18.7318.



This preview shows how white text looks on a background with the XYZ color 24.4975, 45.1441,

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

24.4975, 45.1441, 18.7318

Protanopia

40.4468, 44.2811, 15.6479

Deuteranopia

44.8661, 43.8845, 20.0158



Tritanopia

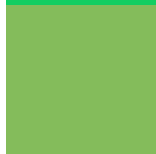
34.3180, 44.9860, 67.8472

Trichromacy



Original Color

24.4975, 45.1441, 18.7318



Protanomaly

29.3873, 41.6273, 16.3835



Deuteranomaly

30.6777, 40.3645, 19.0062



Tritanomaly

29.1004, 44.1523, 44.5246

Monochromacy



Original Color

24.4975, 45.1441, 18.7318



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.3917, 30.0573, 23.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4975, 45.1441, 18.7318 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(19, 206, 97)` looks like.

```
.text, #text, p{  
    color:rgb(19, 206, 97)  
}
```

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(19, 206, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 206, 97) }
```

Border

The CSS property to change the border of an element to XYZ 24.4975, 45.1441, 18.7318 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(19, 206, 97) }
```


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

```
.border{ border-color:rgb(19, 206, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 206, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 206, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 206, 97);  
box-shadow:4px 4px 4px 4px rgb(19, 206,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4975, 45.1441, 18.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 206, 97) }
```

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

```
.background{ background-color: rgb(19, 206,  
97) }
```

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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