

Converting Colors

XYZ(24.4626, 45.3114, 19.2951)

Have a look what the booklet for
XYZ(24.4626, 45.3114, 19.2951)
contains.

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Color

**XYZ(24.5650, 45.5265,
19.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	00CF63
RGB	0, 207, 99
RGB Percent	0%, 81%, 39%
CMY	0.9999, 0.1882, 0.6118
CMYK	1.00, 0.00, 0.52, 0.19
HSL	149°, 100%, 41%
HSV	149°, 100%, 81%
XYZ	24.5650, 45.5265, 19.2972
YIQ	132.7950, -88.7040, -77.4720

Conversions

Conversions Part 2

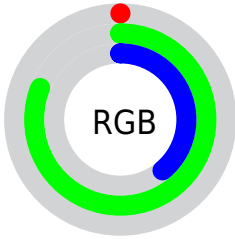
Format	Color
RYB	0, 140, 207
Decimal	53091
CIELab	73.24, -66.15, 41.52
CIELCh	73, 78.101, 147.889
Yxy	45.5265, 0.2748, 0.5093
Android (android.graphics.Color)	4278243171 (0xFF00CF63)
YUV	132.7950, -16.6609, -116.4612
Hunter-Lab	67.4733, -53.0919, 30.2745

Details

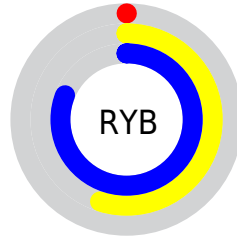
The XYZ color **24.5650, 45.5265, 19.2972** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **28.4408, 14.3492, 15.4620**, and the grayscale version is **22.3037, 23.4652, 25.5536**.

A 20% lighter version of the original color is **47.0210, 76.6706, 42.0264**, and **11.6001, 22.3466, 6.4982** is the 20% darker color. If you saturate the color by 10%, you get **24.5656, 45.5281, 19.2964**, and if you desaturate by 10%, it is **25.4207, 45.9052, 22.2167**.

Distribution



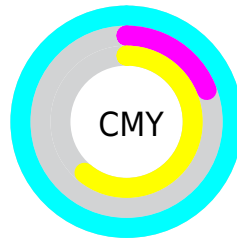
- Red (0%)
- Green (81%)
- Blue (39%)



- Red (0%)
- Yellow (55%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5650, 45.5265, 19.2972 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 24.5650, 45.5265, 19.2972 by changing the saturation by 10% instead.

■ 24.5650, 45.5265,
19.2972

■ 24.5650, 45.5265,
19.2972

268.0524,
368.9017, 260.5618

■ 15.8803, 31.8723,
11.7062

■ 50.3986, 83.5099,
43.0791

■ 9.5298, 21.2640,
6.4239

■ 68.2782, 108.6080,
60.1071

■ 5.1482, 13.3171,
3.0316

■ 89.9535, 138.2894,
81.1178

■ 2.3701, 7.6473,
1.1108

■ 115.7898,
172.9387, 106.5298

■ 0.8302, 3.8701,
0.0000

■ 146.1525,
212.9402, 136.7617

■ 0.0000, 1.6012,
0.0000

181.4069,

■ 0.0000, 0.3584,

258.6782, 172.2320

0.0000

221.9184,
310.5373, 213.3591

■ 0.0000, 0.0000,
0.0000

■ 24.5650, 45.5265,
19.2972

■ 24.5650, 45.5265,
19.2972

■ 24.5656, 45.5281,
19.2964

■ 25.4207, 45.9052,
22.2167

■ 26.6717, 46.4781,
25.5277

■ 28.4318, 47.3049,
29.2493

■ 30.7627, 48.4171,
33.3965

■ 33.7169, 49.8416,
37.9833

■ 37.3406, 51.6019,
43.0231

■ 41.6754, 53.7193,
48.5284

■ 46.7595, 56.2131,
54.5115

■ 52.6282, 59.1013,
60.9838

Harmonies

Analogous

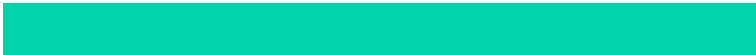
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.0761, 45.5265, 8.3076



24.5650, 45.5265, 19.2972



21.9142, 45.5265, 46.8415

Triad

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



24.5650, 45.5265, 19.2972



42.3079, 45.5265, 169.7468



70.9999, 45.5265, 21.9806

Complementary

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



24.5650, 45.5265, 19.2972



28.4408, 14.3492, 15.4620

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.



75.3186, 45.5265, 52.4037



24.5650, 45.5265, 19.2972



56.8091, 45.5265, 150.7044

Square

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



24.5650, 45.5265, 19.2972



30.7182, 45.5265, 144.9436



69.6577, 45.5265, 101.4991



58.8495, 45.5265, 9.1819

Rectangle

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



24.5650, 45.5265, 19.2972



22.7222, 45.5265, 76.5624



69.6577, 45.5265, 101.4991



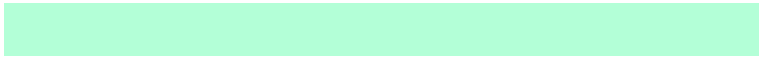
73.5151, 45.5265, 29.8102

Sweetspot

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



24.5661, 45.5283, 19.2982



66.5117, 85.9549, 77.4326



28.7951, 47.9686, 7.7416



13.5750, 18.0746, 15.7507



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.



24.5661, 45.5283, 19.2982



39.2697, 72.9239, 30.4019



32.7513, 48.8024, 62.4009



11.8884, 13.2991, 13.7686



15.5241, 28.7026, 12.4060



0.9080, 1.6209, 0.9043

Inverse Universe

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



28.4408, 14.3492, 15.4620



45.4771, 22.9549, 24.2424



25.7711, 13.2814, 1.4038



12.0627, 11.9098, 13.6058



17.9661, 9.0593, 9.9937



1.0445, 0.5225, 0.7694

Previews

White Background



This preview shows how the XYZ color 24.5650, 45.5265, 19.2972 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 24.5650, 45.5265, 19.2972 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 24.5650, 45.5265, 19.2972

Background



This preview shows how black text looks on a background with the XYZ color 24.5650, 45.5265, 19.2972.



This preview shows how white text looks on a background with the XYZ color 24.5650, 45.5265,

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

24.5650, 45.5265, 19.2972

Protanopia

40.9492, 44.8318, 15.9463

Deuteranopia

45.4004, 44.4311, 20.3706



Tritanopia

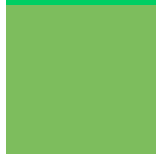
34.5812, 45.4388, 68.5760

Trichromacy



Original Color

24.5650, 45.5265, 19.2972



Protanomaly

28.6308, 41.5455, 16.8660



Deuteranomaly

29.7998, 40.2053, 19.5544



Tritanomaly

29.0444, 44.4529, 45.0797

Monochromacy



Original Color

24.5650, 45.5265, 19.2972



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

19.7683, 28.4534, 22.5393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5650, 45.5265, 19.2972 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, 207, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 99)  
}
```

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, 207, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 99) }
```

Border

The CSS property to change the border of an element to XYZ 24.5650, 45.5265, 19.2972 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, 207, 99) }
```


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

```
.border{ border-color:rgb(0, 207, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 207, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.5650, 45.5265, 19.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 99) }
```

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

```
.background{ background-color: rgb(0, 207,  
99) }
```

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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