

Converting Colors

XYZ(14.0387, 22.2124, 25.1643)

Have a look what the booklet for
XYZ(14.0387, 22.2124, 25.1643)
contains.

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Color

**XYZ(14.5305, 22.5061,
25.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	009383
RGB	0, 147, 131
RGB Percent	0%, 58%, 51%
CMY	0.9999, 0.4235, 0.4863
CMYK	1.00, 0.00, 0.11, 0.42
HSL	173°, 100%, 29%
HSV	173°, 100%, 58%
XYZ	14.5305, 22.5061, 25.0510
YIQ	101.2230, -82.4760, -36.1400

Conversions

Conversions Part 2

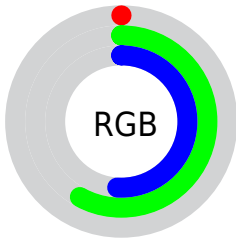
Format	Color
RYB	0, 78, 147
Decimal	37763
CIELab	54.56, -36.79, -0.90
CIELCh	55, 36.796, 181.396
Yxy	22.5061, 0.2340, 0.3625
Android (android.graphics.Color)	4278227843 (0xFF009383)
YUV	101.2230, 14.6801, -88.7726
Hunter-Lab	47.4406, -28.3486, 1.9003

Details

The XYZ color **14.5305, 22.5061, 25.0510** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.1270, 6.2412, 1.0567**, and the grayscale version is **12.4079, 13.0540, 14.2158**.

A 20% lighter version of the original color is **33.7027, 47.7280, 52.7835**, and **5.6152, 8.7936, 9.3840** is the 20% darker color. If you saturate the color by 10%, you get **14.5307, 22.5067, 25.0506**, and if you desaturate by 10%, it is **14.8327, 22.6498, 25.6363**.

Distribution



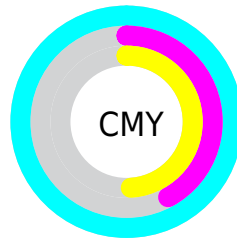
- Red (0%)
- Green (58%)
- Blue (51%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5305, 22.5061, 25.0510 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 14.5305, 22.5061, 25.0510 by changing the saturation by 10% instead.

■ 14.5305, 22.5061,
25.0510

■ 14.5305, 22.5061,
25.0510

213.9518,
265.1780, 291.5476

■ 8.5747, 14.2292,
15.8957

■ 33.6059, 47.5811,
52.7051

■ 4.5197, 8.2803,
9.2968

■ 47.4562, 65.1480,
72.0410

■ 2.0001, 4.2748,
4.8358

■ 64.6687, 86.5803,
95.6074

■ 0.6340, 1.8284,
2.0942

■ 85.6087, 112.2625,
123.8230

■ 0.0000, 0.5048,
0.6123

■ 110.6417,
142.5790, 157.1063

■ 0.0000, 0.0000,
0.0000

■ 140.1330,

177.9142, 195.8758

174.4479,
218.6523, 240.5501

■ 14.5305, 22.5061,
25.0510

■ 14.5305, 22.5061,
25.0510

■ 14.5307, 22.5067,
25.0506

■ 14.8327, 22.6498,
25.6363

■ 15.2700, 22.8624,
26.2362

■ 15.9080, 23.1783,
26.8543

■ 16.7716, 23.6103,
27.4919

■ 17.8821, 24.1693,
28.1499

■ 19.2582, 24.8651,
28.8292

■ 20.9168, 25.7064,
29.5308

■ 22.8736, 26.7011,
30.2553

■ 25.1429, 27.8568,
31.0035

Harmonies

Analogous

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



15.2733, 22.5061, 15.3269



14.5305, 22.5061, 25.0510



15.4249, 22.5061, 38.0101

Triad

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



14.5305, 22.5061, 25.0510



25.6964, 22.5061, 48.8076



25.3279, 22.5061, 9.7085

Complementary

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



14.5305, 22.5061, 25.0510



12.1270, 6.2412, 1.0567

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.



28.7267, 22.5061, 14.6509



14.5305, 22.5061, 25.0510



28.9575, 22.5061, 36.7668

Square

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



14.5305, 22.5061, 25.0510



21.5811, 22.5061, 54.1335



30.1298, 22.5061, 23.9676



21.2028, 22.5061, 8.3201

Rectangle

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



14.5305, 22.5061, 25.0510



16.9035, 22.5061, 46.3130



30.1298, 22.5061, 23.9676



26.6106, 22.5061, 10.9122

Sweetspot

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



14.5312, 22.5070, 25.0515



37.2543, 45.9318, 52.8032



10.6684, 20.9889, 3.4897



8.2334, 10.3477, 11.9431



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5312, 22.5070, 25.0515



25.9818, 40.2893, 44.6507



8.9791, 9.5311, 28.9710



5.9372, 6.5515, 7.2802



12.6025, 19.5138, 21.7459



0.1605, 0.2413, 0.2991

Inverse Universe

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



12.1270, 6.2412, 1.0567



21.6825, 11.1623, 1.7125



13.4651, 9.0672, 1.0412



5.8249, 5.8250, 6.1843



10.5178, 5.4122, 0.9419



0.1338, 0.0683, 0.0380

Previews

White Background



This preview shows how the XYZ color 14.5305, 22.5061, 25.0510 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5305, 22.5061, 25.0510 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 × Fail

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

XYZ 14.5305, 22.5061, 25.0510

Background



This preview shows how black text looks on a background with the XYZ color 14.5305, 22.5061, 25.0510.



This preview shows how white text looks on a background with the XYZ color 14.5305, 22.5061,

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

14.5305, 22.5061, 25.0510

Protanopia

21.1330, 22.1493, 21.2506

Deuteranopia

22.7200, 22.2747, 26.3945



Tritanopia

16.6890, 22.7251, 34.5171

Trichromacy



Original Color

14.5305, 22.5061, 25.0510

Protanomaly

16.2521, 21.0203, 22.6028

Deuteranomaly

16.9480, 20.8953, 25.6942

Tritanomaly

15.6904, 22.5203, 30.7140

Monochromacy



Original Color

14.5305, 22.5061, 25.0510

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.5174, 15.2167, 17.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5305, 22.5061, 25.0510 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, 147, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 131)  
}
```

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, 147, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.5305, 22.5061, 25.0510 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, 147, 131) }
```


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

```
.border{ border-color:rgb(0, 147, 131) }
```

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

Here you see how a box with a 4 pixel rgb(0, 147, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5305, 22.5061, 25.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 131) }
```

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

```
.background{ background-color: rgb(0, 147,  
131) }
```

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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