

Converting Colors

XYZ(15.0292, 22.5320, 28.2126)

Have a look what the booklet for
XYZ(15.0292, 22.5320, 28.2126)
contains.

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Color

**XYZ(15.0125, 22.4512,
28.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	00928C
RGB	0, 146, 140
RGB Percent	0%, 57%, 55%
CMY	0.9999, 0.4274, 0.4510
CMYK	1.00, 0.00, 0.04, 0.43
HSL	178°, 100%, 29%
HSV	178°, 100%, 57%
XYZ	15.0125, 22.4512, 28.3532
YIQ	101.6620, -85.0900, -32.8180

Conversions

Conversions Part 2

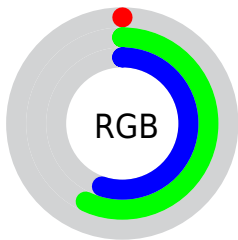
Format	Color
RYB	0, 75, 146
Decimal	37516
CIELab	54.50, -33.61, -6.16
CIELCh	55, 34.173, 190.384
Yxy	22.4512, 0.2281, 0.3411
Android (android.graphics.Color)	4278227596 (0xFF00928C)
YUV	101.6620, 18.9006, -89.1576
Hunter-Lab	47.3827, -26.3647, -2.3105

Details

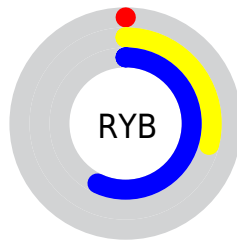
The XYZ color **15.0125, 22.4512, 28.3532** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.8877, 6.1248, 0.7286**, and the grayscale version is **12.5112, 13.1628, 14.3343**.

A 20% lighter version of the original color is **34.5368, 47.6983, 57.8385**, and **5.9377, 8.9226, 11.0821** is the 20% darker color. If you saturate the color by 10%, you get **15.0129, 22.4519, 28.3534**, and if you desaturate by 10%, it is **15.2482, 22.5681, 28.5964**.

Distribution



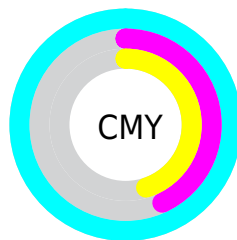
- Red (0%)
- Green (57%)
- Blue (55%)



- Red (0%)
- Yellow (29%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0125, 22.4512, 28.3532 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 15.0125, 22.4512, 28.3532 by changing the saturation by 10% instead.

■ 15.0125, 22.4512,
28.3532

■ 15.0125, 22.4512,
28.3532

216.8287,
264.8936, 308.1157

■ 8.9145, 14.1888,
18.3507

■ 34.4466, 47.4906,
58.0777

■ 4.7421, 8.2521,
11.0300

■ 48.5134, 65.0364,
78.6368

■ 2.1300, 4.2567,
5.9726

■ 65.9672, 86.4455,
103.5519

■ 0.7054, 1.8182,
2.7599

■ 87.1734, 112.1022,
133.2415

■ 0.0000, 0.4985,
0.9734

■ 112.4973,
142.3910, 168.1241

■ 0.0000, 0.0000,
0.0000

■ 142.3042,

177.6962, 208.6183

176.9596,
218.4023, 255.1427

■ 15.0125, 22.4512,
28.3532

■ 15.0125, 22.4512,
28.3532

■ 15.0129, 22.4519,
28.3534

■ 15.2482, 22.5681,
28.5964

■ 15.6149, 22.7520,
28.8465

■ 16.1778, 23.0370,
29.1071

■ 16.9614, 23.4357,
29.3792

■ 17.9866, 23.9590,
29.6639

■ 19.2717, 24.6162,
29.9621

■ 20.8334, 25.4160,
30.2745

■ 22.6871, 26.3663,
30.6018

■ 24.8468, 27.4743,
30.9447

Harmonies

Analogous

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



15.2510, 22.4512, 18.1567



15.0125, 22.4512, 28.3532



16.3119, 22.4512, 40.3845

Triad

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



15.0125, 22.4512, 28.3532



26.3515, 22.4512, 43.7532



23.8484, 22.4512, 9.7137

Complementary

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



15.0125, 22.4512, 28.3532



11.8877, 6.1248, 0.7286

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.



27.3059, 22.4512, 13.3729



15.0125, 22.4512, 28.3532



28.8640, 22.4512, 32.0409

Square

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



15.0125, 22.4512, 28.3532



22.6632, 22.4512, 50.8500



29.2324, 22.4512, 20.9145



20.0677, 22.4512, 9.2569

Rectangle

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



15.0125, 22.4512, 28.3532



17.9756, 22.4512, 47.1069



29.2324, 22.4512, 20.9145



25.0982, 22.4512, 10.5455

Sweetspot

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



15.0132, 22.4520, 28.3537



36.5656, 44.7401, 53.3710



10.3709, 20.6057, 3.4313



7.8944, 9.8300, 11.8265



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.0132, 22.4520, 28.3537



26.4677, 39.6001, 49.9339



8.0802, 7.8584, 28.2860



5.9539, 6.5582, 7.3683



13.2130, 19.7580, 24.9612



0.1643, 0.2429, 0.3191

Inverse Universe

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



11.8877, 6.1248, 0.7286



20.9544, 10.7975, 1.2025



13.7860, 9.9741, 1.1992



5.8099, 5.8190, 6.1050



10.4627, 5.3901, 0.6515



0.1300, 0.0667, 0.0181

Previews

White Background



This preview shows how the XYZ color 15.0125, 22.4512, 28.3532 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 15.0125, 22.4512, 28.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

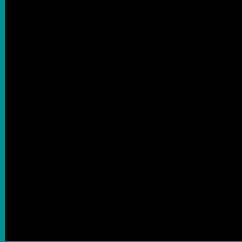
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0125, 22.4512, 28.3532

Background



This preview shows how black text looks on a background with the XYZ color 15.0125, 22.4512, 28.3532.

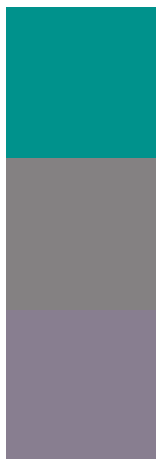


This preview shows how white text looks on a background with the XYZ color 15.0125, 22.4512,

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

15.0125, 22.4512, 28.3532

Protanopia

21.3952, 22.2178, 24.2799

Deuteranopia

22.6482, 22.1696, 29.4710



Tritanopia

16.4853, 22.6202, 34.5076

Trichromacy



Original Color

15.0125, 22.4512, 28.3532

Protanomaly

16.6232, 20.9340, 25.7188

Deuteranomaly

17.2759, 20.7845, 29.0879

Tritanomaly

15.9189, 22.6015, 32.3777

Monochromacy



Original Color

15.0125, 22.4512, 28.3532

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.8108, 15.3416, 18.8617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0125, 22.4512, 28.3532 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, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 140)  
}
```

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, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.0125, 22.4512, 28.3532 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, 146, 140) }
```


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

```
.border{ border-color:rgb(0, 146, 140) }
```

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

Here you see how a box with a 4 pixel rgb(0, 146, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0125, 22.4512, 28.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 140) }
```

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

```
.background{ background-color: rgb(0, 146,  
140) }
```

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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