

Converting Colors

XYZ(15.1834, 22.6227, 29.4745)

Have a look what the booklet for
XYZ(15.1834, 22.6227, 29.4745)
contains.

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Color

**XYZ(15.2368, 22.5409,
29.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	00928F
RGB	0, 146, 143
RGB Percent	0%, 57%, 56%
CMY	0.9999, 0.4274, 0.4392
CMYK	1.00, 0.00, 0.02, 0.43
HSL	179°, 100%, 29%
HSV	179°, 100%, 57%
XYZ	15.2368, 22.5409, 29.5344
YIQ	102.0040, -86.0530, -31.8850

Conversions

Conversions Part 2

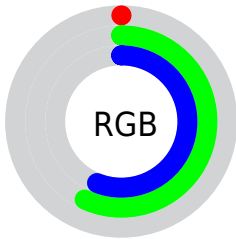
Format	Color
RYB	0, 74, 146
Decimal	37519
CIELab	54.60, -32.68, -7.75
CIELCh	55, 33.584, 193.337
Yxy	22.5409, 0.2264, 0.3349
Android (android.graphics.Color)	4278227599 (0xFF00928F)
YUV	102.0040, 20.2110, -89.4575
Hunter-Lab	47.4773, -25.7995, -3.6487

Details

The XYZ color **15.2368, 22.5409, 29.5344** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.8712, 6.1183, 0.6421**, and the grayscale version is **12.5972, 13.2533, 14.4328**.

A 20% lighter version of the original color is **34.9892, 47.8792, 60.2208**, and **6.0680, 8.9747, 11.7684** is the 20% darker color. If you saturate the color by 10%, you get **15.2372, 22.5416, 29.5348**, and if you desaturate by 10%, it is **15.4509, 22.6491, 29.6638**.

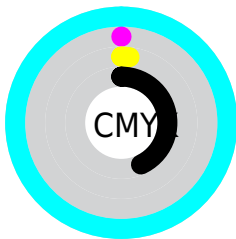
Distribution



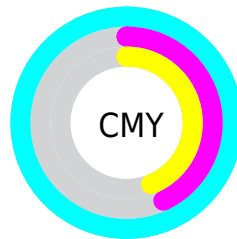
- Red (0%)
- Green (57%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2368, 22.5409, 29.5344 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 15.2368, 22.5409, 29.5344 by changing the saturation by 10% instead.

■ 15.2368, 22.5409,
29.5344

■ 15.2368, 22.5409,
29.5344

■ 218.1551,
265.3581, 313.8676

■ 9.0731, 14.2549,
19.2364

■ 34.8363, 47.6384,
59.9774

■ 4.8464, 8.2982,
11.6627

■ 49.0029, 65.2186,
80.9594

■ 2.1913, 4.2863,
6.3947

■ 66.5678, 86.6657,
106.3399

■ 0.7381, 1.8350,
3.0139

■ 87.8964, 112.3641,
136.5373

■ 0.0000, 0.5088,
1.1017

■ 113.3541,
142.6981, 171.9703

■ 0.0000, 0.0000,
0.0000

■ 143.3062,

178.0522, 213.0573

178.1181,
218.8108, 260.2169

■ 15.2368, 22.5409,
29.5344

■ 15.2368, 22.5409,
29.5344

■ 15.2372, 22.5416,
29.5348

■ 15.4509, 22.6491,
29.6638

■ 15.7958, 22.8243,
29.7991

■ 16.3368, 23.1005,
29.9439

■ 17.0982, 23.4904,
30.0994

■ 18.1010, 24.0047,
30.2664

■ 19.3636, 24.6530,
30.4460

■ 20.9027, 25.4437,
30.6388

■ 22.7335, 26.3848,
30.8456

■ 24.8701, 27.4836,
31.0670

Harmonies

Analogous

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



15.3218, 22.5409, 19.1667



15.2368, 22.5409, 29.5344



16.6681, 22.5409, 41.2927

Triad

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



15.2368, 22.5409, 29.5344



26.6709, 22.5409, 42.4831



23.5235, 22.5409, 9.7718

Complementary

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



15.2368, 22.5409, 29.5344



11.8712, 6.1183, 0.6421

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.



27.0091, 22.5409, 13.0741



15.2368, 22.5409, 29.5344



28.9641, 22.5409, 30.8415

Square

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



15.2368, 22.5409, 29.5344



23.1029, 22.5409, 50.0932



29.0946, 22.5409, 20.1486



19.8293, 22.5409, 9.6076

Rectangle

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



15.2368, 22.5409, 29.5344



18.3963, 22.5409, 47.5435



29.0946, 22.5409, 20.1486



24.7679, 22.5409, 10.4965

Sweetspot

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



15.2375, 22.5417, 29.5349



36.6901, 44.7899, 54.0268



10.3405, 20.5900, 3.4299



7.9254, 9.8424, 11.9900



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.



15.2375, 22.5417, 29.5349



26.8712, 39.7615, 52.0584



7.9044, 7.5069, 28.2273



5.9590, 6.5602, 7.3951



13.4095, 19.8366, 25.9955



0.1654, 0.2433, 0.3251

Inverse Universe

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



11.8712, 6.1183, 0.6421



20.9332, 10.7890, 1.0906



13.9305, 10.2631, 1.2474



5.8053, 5.8172, 6.0811



10.4472, 5.3839, 0.5699



0.1288, 0.0663, 0.0120

Previews

White Background



This preview shows how the XYZ color 15.2368, 22.5409, 29.5344 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 15.2368, 22.5409, 29.5344 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 15.2368, 22.5409, 29.5344

Background



This preview shows how black text looks on a background with the XYZ color 15.2368, 22.5409, 29.5344.



This preview shows how white text looks on a background with the XYZ color 15.2368, 22.5409,

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

15.2368, 22.5409, 29.5344

Protanopia

21.4440, 22.2193, 25.3488

Deuteranopia

22.8475, 22.4362, 30.7302



Tritanopia

16.4807, 22.6080, 34.9477

Trichromacy



Original Color

15.2368, 22.5409, 29.5344

Protanomaly

16.7466, 20.9731, 26.8325

Deuteranomaly

17.5512, 21.1040, 30.3426

Tritanomaly

15.9608, 22.6138, 32.8018

Monochromacy



Original Color

15.2368, 22.5409, 29.5344

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.8693, 15.3650, 19.1698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2368, 22.5409, 29.5344 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.2368, 22.5409, 29.5344 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, 143) }
```


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

```
.border{ border-color:rgb(0, 146, 143) }
```

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, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2368, 22.5409, 29.5344 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, 143) }
```

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

```
.background{ background-color: rgb(0, 146,  
143) }
```

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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