

Converting Colors

XYZ(15.3248, 22.3539, 29.8920)

Have a look what the booklet for
XYZ(15.3248, 22.3539, 29.8920)
contains.

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Color

**XYZ(15.3254, 22.3500,
29.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	0D9190
RGB	13, 145, 144
RGB Percent	5%, 57%, 56%
CMY	0.9490, 0.4314, 0.4353
CMYK	0.91, 0.00, 0.01, 0.43
HSL	180°, 84%, 31%
HSV	180°, 91%, 57%
XYZ	15.3254, 22.3500, 29.8918
YIQ	105.4180, -78.3510, -28.2950

Conversions

Conversions Part 2

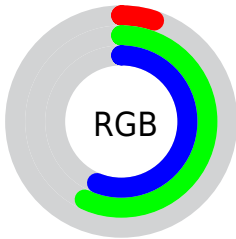
Format	Color
RYB	13, 79, 145
Decimal	889232
CIELab	54.40, -31.29, -8.61
CIELCh	54, 32.455, 195.388
Yxy	22.3500, 0.2268, 0.3308
Android (android.graphics.Color)	4279079312 (0xFF0D9190)
YUV	105.4180, 19.0209, -81.0506
Hunter-Lab	47.2758, -24.8683, -4.3952

Details

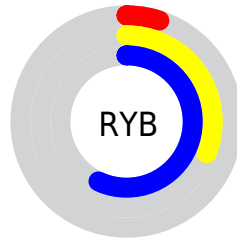
The XYZ color **15.3254, 22.3500, 29.8918** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.9010, 6.3399, 1.0125**, and the grayscale version is **13.5074, 14.2108, 15.4756**.

A 20% lighter version of the original color is **34.9309, 47.1482, 60.6855**, and **6.0231, 8.8136, 11.9734** is the 20% darker color. If you saturate the color by 10%, you get **15.1523, 22.2621, 29.8448**, and if you desaturate by 10%, it is **15.6340, 22.5086, 29.9507**.

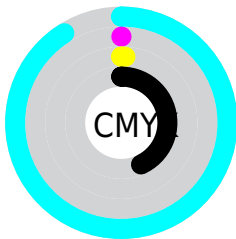
Distribution



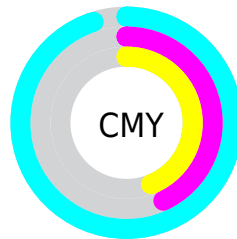
- Red (5%)
- Green (57%)
- Blue (56%)



- Red (5%)
- Yellow (31%)
- Blue (57%)



- Cyan (91%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (95%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3254, 22.3500, 29.8918 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 15.3254, 22.3500, 29.8918 by changing the saturation by 10% instead.

■ 15.3254, 22.3500,
29.8918

■ 15.3254, 22.3500,
29.8918

■ 218.6770,
264.3686, 315.5914

■ 9.1359, 14.1143,
19.5051

■ 34.9900, 47.3238,
60.5500

■ 4.8877, 8.2002,
11.8553

■ 49.1958, 64.8307,
81.6586

■ 2.2156, 4.2233,
6.5239

■ 66.8044, 86.1967,
107.1783

■ 0.7510, 1.7993,
3.0923

■ 88.1812, 111.8064,
137.5275

■ 0.0000, 0.4867,
1.1420

■ 113.6915,
142.0440, 173.1249

■ 0.0000, 0.0000,
0.0000

■ 143.7006,

177.2940, 214.3890

178.5740,
217.9407, 261.7383

■ 15.3254, 22.3500,
29.8918

■ 15.3254, 22.3500,
29.8918

■ 15.1523, 22.2621,
29.8448

■ 15.6340, 22.5086,
29.9507

■ 16.1322, 22.7645,
30.0179

■ 16.8450, 23.1310,
30.0953

■ 17.7933, 23.6188,
30.1837

■ 18.9954, 24.2376,
30.2841

■ 20.4679, 24.9957,
30.3971

■ 22.2258, 25.9010,
30.5235

■ 24.2833, 26.9606,
30.6641

■ 26.6534, 28.1815,
30.8192

Harmonies

Analogous

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



15.3062, 22.3500, 19.7353



15.3254, 22.3500, 29.8918



16.8064, 22.3500, 41.0457

Triad

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



15.3254, 22.3500, 29.8918



26.4743, 22.3500, 40.7813



23.0094, 22.3500, 9.9113

Complementary

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



15.3254, 22.3500, 29.8918



11.9010, 6.3399, 1.0125

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.



26.3988, 22.3500, 12.9158



15.3254, 22.3500, 29.8918



28.5452, 22.3500, 29.5998

Square

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



15.3254, 22.3500, 29.8918



23.1036, 22.3500, 48.4267



28.5161, 22.3500, 19.5140



19.4851, 22.3500, 9.9490

Rectangle

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



15.3254, 22.3500, 29.8918



18.5288, 22.3500, 46.7478



28.5161, 22.3500, 19.5140



24.2102, 22.3500, 10.5522

Sweetspot

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



15.3261, 22.3508, 29.8923



37.6841, 45.2927, 54.5105



10.3990, 20.3840, 3.7677



8.1844, 9.9734, 12.1119



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.



15.3261, 22.3508, 29.8923



27.1315, 39.8656, 53.4294



8.2352, 8.0460, 27.9080



5.5585, 6.1156, 6.9071



12.9967, 19.0945, 25.6005



0.1246, 0.1827, 0.2467

Inverse Universe

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



11.9010, 6.3399, 1.0125



20.9198, 10.7836, 1.0200



14.3907, 11.3301, 1.8097



5.4104, 5.4247, 5.6594



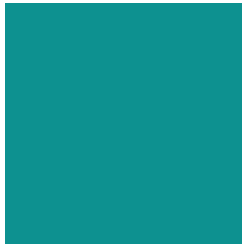
10.0214, 5.1656, 0.4983



0.0961, 0.0495, 0.0062

Previews

White Background



This preview shows how the XYZ color 15.3254, 22.3500, 29.8918 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 15.3254, 22.3500, 29.8918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

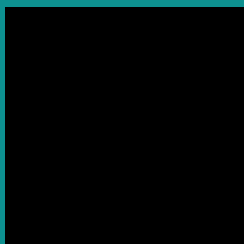
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

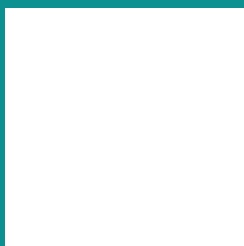
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3254, 22.3500, 29.8918

Background



This preview shows how black text looks on a background with the XYZ color 15.3254, 22.3500, 29.8918.

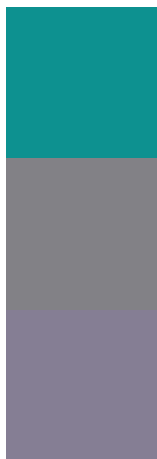


This preview shows how white text looks on a background with the XYZ color 15.3254, 22.3500,

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

15.3254, 22.3500, 29.8918

Protanopia

21.3593, 22.1676, 25.7073

Deuteranopia

22.4790, 22.0464, 31.0876



Tritanopia

16.2743, 22.2875, 34.4545

Trichromacy



Original Color

15.3254, 22.3500, 29.8918

Protanomaly

17.1819, 21.1892, 27.2291

Deuteranomaly

17.7738, 21.0055, 30.7214

Tritanomaly

15.9359, 22.3751, 32.7571

Monochromacy



Original Color

15.3254, 22.3500, 29.8918

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

12.7187, 16.1426, 19.8982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3254, 22.3500, 29.8918 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(13, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(13, 145, 144)  
}
```

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(13, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 145, 144) }
```

Border

The CSS property to change the border of an element to XYZ 15.3254, 22.3500, 29.8918 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(13, 145, 144) }
```


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

```
.border{ border-color:rgb(13, 145, 144) }
```

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

Here you see how a box with a 4 pixel rgb(13, 145, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(13, 145,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3254, 22.3500, 29.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 145, 144) }
```

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

```
.background{ background-color: rgb(13, 145,  
144) }
```

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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