

Converting Colors

XYZ(15.6383, 22.8049, 30.9269)

Have a look what the booklet for
XYZ(15.6383, 22.8049, 30.9269)
contains.

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Color

**XYZ(15.5548, 22.6783,
30.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	079292
RGB	7, 146, 146
RGB Percent	3%, 57%, 57%
CMY	0.9725, 0.4274, 0.4274
CMYK	0.95, 0.00, 0.00, 0.43
HSL	180°, 91%, 30%
HSV	180°, 95%, 57%
XYZ	15.5548, 22.6783, 30.7516
YIQ	104.4390, -82.8440, -29.4680

Conversions

Conversions Part 2

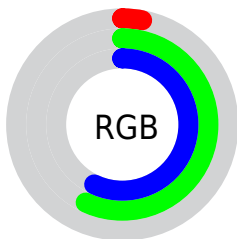
Format	Color
RYB	7, 77, 146
Decimal	496274
CIELab	54.74, -31.42, -9.26
CIELCh	55, 32.754, 196.414
Yxy	22.6783, 0.2255, 0.3287
Android (android.graphics.Color)	4278686354 (0xFF079292)
YUV	104.4390, 20.4896, -85.4540
Hunter-Lab	47.6217, -25.0342, -4.9511

Details

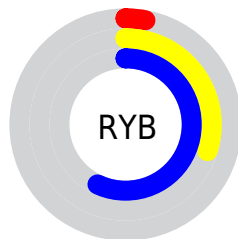
The XYZ color **15.5548, 22.6783, 30.7516** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11.9691, 6.2790, 0.7827**, and the grayscale version is **13.2403, 13.9298, 15.1696**.

A 20% lighter version of the original color is **35.2961, 47.6523, 61.9811**, and **6.2035, 9.0289, 12.4821** is the 20% darker color. If you saturate the color by 10%, you get **15.4676, 22.6338, 30.7480**, and if you desaturate by 10%, it is **15.7902, 22.8001, 30.7632**.

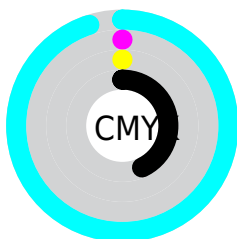
Distribution



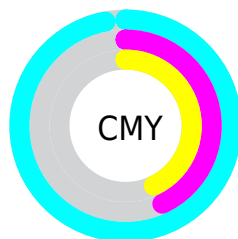
- Red (3%)
- Green (57%)
- Blue (57%)



- Red (3%)
- Yellow (30%)
- Blue (57%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (97%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5548, 22.6783, 30.7516 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 15.5548, 22.6783, 30.7516 by changing the saturation by 10% instead.

■ 15.5548, 22.6783,
30.7516

■ 15.5548, 22.6783,
30.7516

■ 220.0226,
266.0683, 319.7080

■ 9.2985, 14.3561,
20.1529

■ 35.3873, 47.8646,
61.9238

■ 4.9951, 8.3688,
12.3211

■ 49.6942, 65.4974,
83.3343

■ 2.2791, 4.3318,
6.8375

■ 67.4154, 87.0027,
109.1859

■ 0.7839, 1.8609,
3.2838

■ 88.9162, 112.7647,
139.8970

■ 0.0000, 0.5247,
1.2413

■ 114.5619,
143.1679, 175.8862

■ 0.0000, 0.0000,
0.0130

■ 144.7180,

■ 0.0000, 0.0000,

178.5966, 217.5721

0.0000

179.7498,
219.4353, 265.3732

■ 15.5548, 22.6783,
30.7516

■ 15.5548, 22.6783,
30.7516

■ 15.4676, 22.6338,
30.7480

■ 15.7902, 22.8001,
30.7632

■ 16.2029, 23.0129,
30.7826

■ 16.8238, 23.3330,
30.8117

■ 17.6756, 23.7721,
30.8516

■ 18.7777, 24.3402,
30.9033

■ 20.1477, 25.0465,
30.9674

■ 21.8016, 25.8991,
31.0449

■ 23.7541, 26.9057,
31.1363

■ 26.0188, 28.0732,
31.2424

Harmonies

Analogous

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



15.4835, 22.6783, 20.3082



15.5548, 22.6783, 30.7516



17.1118, 22.6783, 42.0874

Triad

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



15.5548, 22.6783, 30.7516



26.9882, 22.6783, 41.1047



23.2283, 22.6783, 9.9642

Complementary

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



15.5548, 22.6783, 30.7516



11.9691, 6.2790, 0.7827

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.



26.7076, 22.6783, 12.9043



15.5548, 22.6783, 30.7516



29.0366, 22.6783, 29.6671

Square

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



15.5548, 22.6783, 30.7516



23.5781, 22.6783, 49.1139



28.9285, 22.6783, 19.4872



19.6512, 22.6783, 10.1035

Rectangle

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



15.5548, 22.6783, 30.7516



18.8934, 22.6783, 47.7799



28.9285, 22.6783, 19.4872



24.4557, 22.6783, 10.5800

Sweetspot

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



15.5555, 22.6791, 30.7521



37.1137, 44.9938, 54.7018



10.4346, 20.6341, 3.6344



8.0147, 9.8848, 12.1577



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.



15.5555, 22.6791, 30.7521



27.2857, 39.9273, 54.2411



8.0599, 7.6878, 28.2542



5.9641, 6.5622, 7.4220



13.6111, 19.9172, 27.0575



0.1666, 0.2438, 0.3312

Inverse Universe

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



11.9691, 6.2790, 0.7827



20.9119, 10.7805, 0.9787



14.3547, 11.0502, 1.5779



5.8008, 5.8154, 6.0572



10.4317, 5.3777, 0.4882



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 15.5548, 22.6783, 30.7516 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 15.5548, 22.6783, 30.7516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

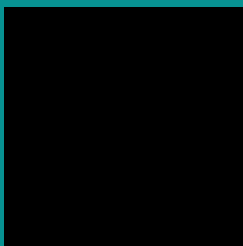
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

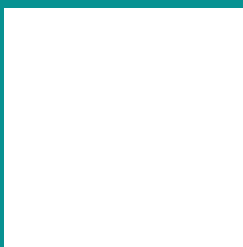
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5548, 22.6783, 30.7516

Background



This preview shows how black text looks on a background with the XYZ color 15.5548, 22.6783, 30.7516.



This preview shows how white text looks on a background with the XYZ color 15.5548, 22.6783,

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

15.5548, 22.6783, 30.7516

Protanopia

21.6543, 22.3034, 26.4562

Deuteranopia

22.7673, 22.3673, 31.9715



Tritanopia

16.4260, 22.5798, 34.9451

Trichromacy



Original Color

15.5548, 22.6783, 30.7516

Protanomaly

17.2353, 21.1998, 27.9945

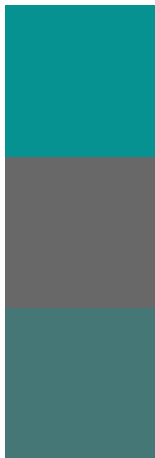
Deuteranomaly

17.8804, 21.2464, 31.5923

Tritanomaly

16.0814, 22.6665, 33.2333

Monochromacy



Original Color

15.5548, 22.6783, 30.7516

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.3808, 15.7908, 19.8481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5548, 22.6783, 30.7516 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(7, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(7, 146, 146)  
}
```

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(7, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 146, 146) }
```

Border

The CSS property to change the border of an element to XYZ 15.5548, 22.6783, 30.7516 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(7, 146, 146) }
```


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

```
.border{ border-color:rgb(7, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(7, 146,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5548, 22.6783, 30.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 146, 146) }
```

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

```
.background{ background-color: rgb(7, 146,  
146) }
```

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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