

Converting Colors

XYZ(15.2812, 21.9620, 31.2784)

Have a look what the booklet for
XYZ(15.2812, 21.9620, 31.2784)
contains.

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Color

**XYZ(15.3811, 22.1169,
31.4753)**

Conversions

Conversions Part 1

Format	Color
Hex	059094
RGB	5, 144, 148
RGB Percent	2%, 56%, 58%
CMY	0.9803, 0.4353, 0.4196
CMYK	0.97, 0.03, 0.00, 0.42
HSL	182°, 93%, 30%
HSV	182°, 97%, 58%
XYZ	15.3811, 22.1169, 31.4753
YIQ	102.8950, -84.1280, -28.2240

Conversions

Conversions Part 2

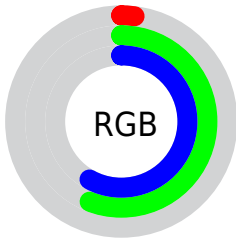
Format	Color
R_{YB}	5, 75, 148
Decimal	364692
CIE _{Lab}	54.15, -29.90, -11.29
CIE _{LCh}	54, 31.964, 200.686
Yxy	22.1169, 0.2230, 0.3207
Android (android.graphics.Color)	4278554772 (0xFF059094)
YUV	102.8950, 22.2368, -85.8539
Hunter-Lab	47.0286, -23.9201, -6.7616

Details

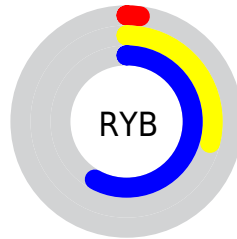
The XYZ color **15.3811, 22.1169, 31.4753** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.3383, 6.5027, 0.7489**, and the grayscale version is **12.8251, 13.4930, 14.6939**.

A 20% lighter version of the original color is **34.9746, 46.7763, 63.0625**, and **6.0720, 8.6918, 12.6669** is the 20% darker color. If you saturate the color by 10%, you get **15.2977, 22.0428, 31.4658**, and if you desaturate by 10%, it is **15.6666, 22.3578, 31.5072**.

Distribution



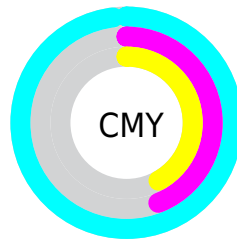
- Red (2%)
- Green (56%)
- Blue (58%)



- Red (2%)
- Yellow (29%)
- Blue (58%)



- Cyan (97%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3811, 22.1169, 31.4753 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 15.3811, 22.1169, 31.4753 by changing the saturation by 10% instead.

■ 15.3811, 22.1169,
31.4753

■ 15.3811, 22.1169,
31.4753

219.0044,
263.1561, 323.1408

■ 9.1753, 13.9428,
20.6996

■ 35.0866, 46.9391,
63.0759

■ 4.9138, 8.0809,
12.7155

■ 49.3170, 64.3561,
84.7379

■ 2.2310, 4.1468,
7.1045

■ 66.9530, 85.6228,
110.8657

■ 0.7590, 1.7560,
3.4481

■ 88.3599, 111.1236,
141.8778

■ 0.0000, 0.4595,
1.3277

■ 113.9032,
141.2429, 178.1929

■ 0.0000, 0.0000,
0.0844

■ 143.9481,

■ 0.0000, 0.0000,

176.3652, 220.2294

0.0000

178.8601,
216.8748, 268.4058

■ 15.3811, 22.1169,
31.4753

■ 15.3811, 22.1169,
31.4753

■ 15.2977, 22.0428,
31.4658

■ 15.6666, 22.3578,
31.5072

■ 16.1251, 22.6877,
31.5467

■ 16.7950, 23.1270,
31.5962

■ 17.7002, 23.6879,
31.6567

■ 18.8613, 24.3811,
31.7293

■ 20.2968, 25.2161,
31.8148

■ 22.0234, 26.2015,
31.9140

■ 24.0563, 27.3451,
32.0276

■ 26.4101, 28.6545,
32.1563

Harmonies

Analogous

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



15.1051, 22.1169, 21.1219



15.3811, 22.1169, 31.4753



17.0743, 22.1169, 42.0796

Triad

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



15.3811, 22.1169, 31.4753



26.6127, 22.1169, 38.3165



22.1189, 22.1169, 9.7270

Complementary

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



15.3811, 22.1169, 31.4753



12.3383, 6.5027, 0.7489

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.



25.5344, 22.1169, 12.1243



15.3811, 22.1169, 31.4753



28.3103, 22.1169, 27.3055

Square

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



15.3811, 22.1169, 31.4753



23.4655, 22.1169, 46.7234



27.8954, 22.1169, 17.9471



18.7533, 22.1169, 10.2720

Rectangle

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



15.3811, 22.1169, 31.4753



18.8927, 22.1169, 46.9672



27.8954, 22.1169, 17.9471



23.3044, 22.1169, 10.1836

Sweetspot

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



15.3818, 22.1177, 31.4758



37.8987, 45.6857, 56.2553



10.6934, 21.2287, 3.7465



8.3804, 10.2744, 12.8263



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.



15.3818, 22.1177, 31.4758



26.9696, 38.8488, 55.5117



7.8654, 7.0850, 28.9704



5.9504, 6.5347, 7.4174



13.0700, 18.8348, 26.8776



0.1635, 0.2376, 0.3301

Inverse Universe

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



17.3016, 8.4186, 27.0995



30.4012, 14.6498, 47.6247



15.0287, 11.8835, 1.6457



6.0284, 5.9064, 7.2556



14.7242, 7.0947, 23.0924



0.1820, 0.0875, 0.2920

Previews

White Background



This preview shows how the XYZ color 15.3811, 22.1169, 31.4753 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 15.3811, 22.1169, 31.4753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

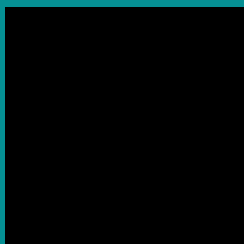
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

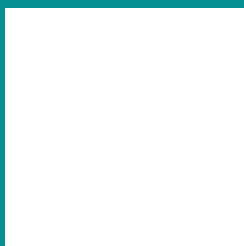
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3811, 22.1169, 31.4753

Background



This preview shows how black text looks on a background with the XYZ color 15.3811, 22.1169, 31.4753.



This preview shows how white text looks on a background with the XYZ color 15.3811, 22.1169,

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

15.3811, 22.1169, 31.4753

Protanopia

21.2087, 21.8625, 27.1468

Deuteranopia

22.3343, 21.9345, 32.7624



Tritanopia

16.0697, 22.1821, 34.4449

Trichromacy



Original Color

15.3811, 22.1169, 31.4753

Protanomaly

16.9749, 20.8422, 28.7195

Deuteranomaly

17.7198, 20.9407, 32.3862

Tritanomaly

15.7036, 22.0221, 33.1288

Monochromacy



Original Color

15.3811, 22.1169, 31.4753

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.1229, 15.4821, 19.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3811, 22.1169, 31.4753 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(5, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(5, 144, 148)  
}
```

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(5, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 144, 148) }
```

Border

The CSS property to change the border of an element to XYZ 15.3811, 22.1169, 31.4753 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(5, 144, 148) }
```


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

```
.border{ border-color:rgb(5, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(5, 144,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3811, 22.1169, 31.4753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 144, 148) }
```

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

```
.background{ background-color: rgb(5, 144,  
148) }
```

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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