

Converting Colors

XYZ(15.5843, 21.5002, 34.9594)

Have a look what the booklet for
XYZ(15.5843, 21.5002, 34.9594)
contains.

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Color

**XYZ(15.5381, 21.4565,
34.7751)**

Conversions

Conversions Part 1

Format	Color
Hex	018D9C
RGB	1, 141, 156
RGB Percent	0%, 55%, 61%
CMY	0.9960, 0.4471, 0.3882
CMYK	0.99, 0.10, 0.00, 0.39
HSL	186°, 99%, 31%
HSV	186°, 99%, 61%
XYZ	15.5381, 21.4565, 34.7751
YIQ	100.8500, -88.2550, -25.0150

Conversions

Conversions Part 2

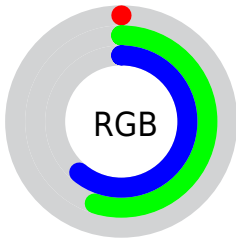
Format	Color
RYB	1, 75, 156
Decimal	101788
CIELab	53.45, -25.94, -16.98
CIElCh	53, 31.001, 213.203
Yxy	21.4565, 0.2165, 0.2990
Android (android.graphics.Color)	4278291868 (0xFF018D9C)
YUV	100.8500, 27.1890, -87.5684
Hunter-Lab	46.3212, -21.1855, -12.0865

Details

The XYZ color **15.5381, 21.4565, 34.7751** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.9017, 7.4414, 0.7329**, and the grayscale version is **12.2812, 12.9208, 14.0708**.

A 20% lighter version of the original color is **35.3928, 45.8572, 68.6139**, and **6.2060, 8.3322, 14.6458** is the 20% darker color. If you saturate the color by 10%, you get **15.5115, 21.4216, 34.7702**, and if you desaturate by 10%, it is **15.9746, 22.0147, 34.8602**.

Distribution



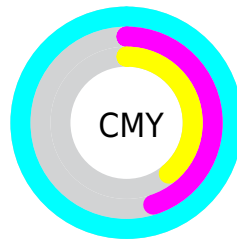
- Red (0%)
- Green (55%)
- Blue (61%)



- Red (0%)
- Yellow (29%)
- Blue (61%)



- Cyan (99%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5381, 21.4565, 34.7751 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 15.5381, 21.4565, 34.7751 by changing the saturation by 10% instead.

■ 15.5381, 21.4565,
34.7751

■ 15.5381, 21.4565,
34.7751

■ 219.9249,
259.6947, 338.4486

■ 9.2867, 13.4581,
23.2075

■ 35.3584, 45.8461,
68.2848

■ 4.9872, 7.7447,
14.5401

■ 49.6580, 63.0060,
91.0641

■ 2.2745, 3.9321,
8.3542

■ 67.3710, 83.9886,
118.4176

■ 0.7815, 1.6356,
4.2314

■ 88.8628, 109.1781,
150.7639

■ 0.0000, 0.3814,
1.7531

■ 114.4987,
138.9592, 188.5217

■ 0.0000, 0.0000,
0.3968

■ 144.6441,

■ 0.0000, 0.0000,

173.7160, 232.1093

0.0000

179.6644,
213.8330, 281.9455

■ 15.5381, 21.4565,
34.7751

■ 15.5381, 21.4565,
34.7751

■ 15.5115, 21.4216,
34.7702

■ 15.9746, 22.0147,
34.8602

■ 16.5799, 22.6640,
34.9537

■ 17.4181, 23.4379,
35.0589

■ 18.5178, 24.3512,
35.1772

■ 19.9035, 25.4165,
35.3098

■ 21.5969, 26.6450,
35.4577

■ 23.6174, 28.0468,
35.6217

■ 25.9830, 29.6311,
35.8029

■ 28.7103, 31.4065,
36.0018

Harmonies

Analogous

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



14.6990, 21.4565, 24.3910



15.5381, 21.4565, 34.7751



17.6684, 21.4565, 43.5922

Triad

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



15.5381, 21.4565, 34.7751



26.5885, 21.4565, 32.5358



20.0418, 21.4565, 9.5243

Complementary

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



15.5381, 21.4565, 34.7751



13.9017, 7.4414, 0.7329

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.



23.3859, 21.4565, 10.6197



15.5381, 21.4565, 34.7751



27.3969, 21.4565, 22.3633

Square

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



15.5381, 21.4565, 34.7751



24.0640, 21.4565, 42.0736



26.1683, 21.4565, 14.7677



17.1171, 21.4565, 11.2304

Rectangle

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



15.5381, 21.4565, 34.7751



19.6530, 21.4565, 46.4112



26.1683, 21.4565, 14.7677



21.1530, 21.4565, 9.5790

Sweetspot

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



15.5388, 21.4573, 34.7756



42.4039, 50.6049, 64.6595



11.9802, 23.8154, 4.3786



9.0064, 10.9118, 14.2019



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.5388, 21.4573, 34.7756



28.0930, 38.7475, 63.1251



7.9383, 6.2563, 32.2421



6.7670, 7.3997, 8.4783



12.7904, 17.6723, 28.6442



0.2430, 0.3446, 0.5169

Inverse Universe

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



18.5294, 9.0133, 25.9632



33.5805, 16.3088, 46.8668



17.4937, 14.6254, 1.9303



6.8765, 6.7435, 8.2006



15.2542, 7.4062, 21.3874



0.2800, 0.1353, 0.4204

Previews

White Background



This preview shows how the XYZ color 15.5381, 21.4565, 34.7751 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 15.5381, 21.4565, 34.7751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

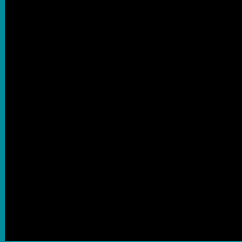
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.5381, 21.4565, 34.7751

Background



This preview shows how black text looks on a background with the XYZ color 15.5381, 21.4565, 34.7751.

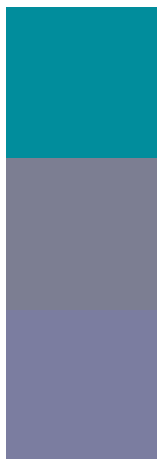


This preview shows how white text looks on a background with the XYZ color 15.5381, 21.4565,

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

15.5381, 21.4565, 34.7751

Protanopia

20.9613, 21.2821, 30.1972

Deuteranopia

21.8472, 21.4163, 36.2400



Tritanopia

15.2746, 21.3497, 33.4528

Trichromacy



Original Color

15.5381, 21.4565, 34.7751

Protanomaly

16.8458, 20.0969, 31.8454

Deuteranomaly

17.5988, 20.3981, 35.8106

Tritanomaly

15.3576, 21.3828, 33.8897

Monochromacy



Original Color

15.5381, 21.4565, 34.7751

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.8766, 14.9951, 20.3575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5381, 21.4565, 34.7751 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(1, 141, 156)` looks like.

```
.text, #text, p{  
    color:rgb(1, 141, 156)  
}
```

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(1, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 141, 156) }
```

Border

The CSS property to change the border of an element to XYZ 15.5381, 21.4565, 34.7751 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(1, 141, 156) }
```


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

```
.border{ border-color:rgb(1, 141, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 141, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 141, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 141, 156);  
box-shadow:4px 4px 4px 4px rgb(1, 141,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5381, 21.4565, 34.7751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 141, 156) }
```

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

```
.background{ background-color: rgb(1, 141,  
156) }
```

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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