

Converting Colors

XYZ(15.5855, 21.3416, 21.3871)

Have a look what the booklet for
XYZ(15.5855, 21.3416, 21.3871)
contains.

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Color

**XYZ(15.5855, 21.3416,
21.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8B79
RGB	75, 139, 121
RGB Percent	29%, 55%, 47%
CMY	0.7059, 0.4549, 0.5255
CMYK	0.46, 0.00, 0.13, 0.45
HSL	163°, 30%, 42%
HSV	163°, 46%, 55%
XYZ	15.5855, 21.3416, 21.3871
YIQ	117.8120, -32.3660, -19.1660

Conversions

Conversions Part 2

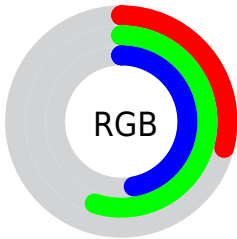
Format	Color
R_YB	75, 112, 139
Decimal	4950905
CIE _{Lab}	53.32, -25.13, 3.26
CIE _{LCh}	53, 25.337, 172.607
Y _{xy}	21.3416, 0.2673, 0.3660
Android (android.graphics.Color)	4283140985 (0xFF4B8B79)
YUV	117.8120, 1.5717, -37.5461
Hunter-Lab	46.1970, -20.6240, 4.8893

Details

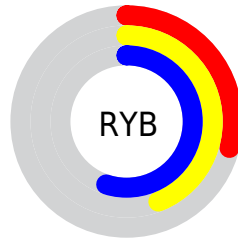
The XYZ color **15.5855, 21.3416, 21.3871** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.1401, 11.3120, 11.7423**, and the grayscale version is **17.1641, 18.0580, 19.6651**.

A 20% lighter version of the original color is **35.5149, 45.7463, 46.4932**, and **4.9808, 7.6092, 7.5095** is the 20% darker color. If you saturate the color by 10%, you get **14.3800, 20.7478, 20.1047**, and if you desaturate by 10%, it is **17.0395, 22.0634, 22.7328**.

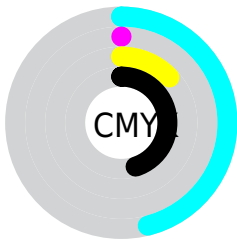
Distribution



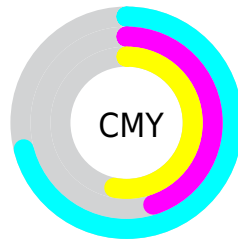
- Red (29%)
- Green (55%)
- Blue (47%)



- Red (29%)
- Yellow (44%)
- Blue (55%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5855, 21.3416, 21.3871 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 15.5855, 21.3416, 21.3871 by changing the saturation by 10% instead.

■ 15.5855, 21.3416,
21.3871

■ 15.5855, 21.3416,
21.3871

220.2021,
259.0884, 272.1769

■ 9.3203, 13.3739,
13.2133

■ 35.4404, 45.6554,
46.6200

■ 5.0095, 7.6865,
7.4431

■ 49.7608, 62.7702,
64.5162

■ 2.2876, 3.8950,
3.6581

■ 67.4970, 83.7030,
86.4902

■ 0.7883, 1.6150,
1.4397

■ 89.0143, 108.8380,
112.9606

■ 0.0000, 0.3677,
0.1724

■ 114.6781,
138.5596, 144.3459

■ 0.0000, 0.0000,
0.0000

144.8538,

173.2523, 181.0647

179.9066,
213.3004, 223.5355

■ 15.5855, 21.3416,
21.3871

■ 15.5855, 21.3416,
21.3871

■ 14.3800, 20.7478,
20.1047

■ 17.0395, 22.0634,
22.7328

■ 13.4055, 20.2715,
18.8827

■ 18.7545, 22.9181,
24.1416

■ 12.6449, 19.9043,
17.7204

■ 20.7443, 23.9134,
25.6152

■ 12.0779, 19.6359,
16.6160

■ 23.0213, 25.0555,
27.1546

■ 11.6731, 19.4500,
15.5675

■ 25.5971, 26.3505,
28.7611

■ 11.5287, 19.3843,
15.1665

■ 28.4824, 27.8038,
30.4356

■ 31.6877, 29.4209,
32.1792

■ 35.2228, 31.2069,
33.9928

■ 39.0972, 33.1665,
35.8775

Harmonies

Analogous

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



16.4548, 21.3416, 15.3685



15.5855, 21.3416, 21.3871



15.8840, 21.3416, 29.3938

Triad

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



15.5855, 21.3416, 21.3871



22.3335, 21.3416, 39.7245



23.5824, 21.3416, 13.3626

Complementary

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



15.5855, 21.3416, 21.3871



15.1401, 11.3120, 11.7423

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.



25.4309, 21.3416, 18.0068



15.5855, 21.3416, 21.3871



24.6667, 21.3416, 33.4171

Square

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



15.5855, 21.3416, 21.3871



19.6278, 21.3416, 41.1899



25.8443, 21.3416, 25.1914



20.9558, 21.3416, 11.4469

Rectangle

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



15.5855, 21.3416, 21.3871



16.7187, 21.3416, 34.7463



25.8443, 21.3416, 25.1914



24.3245, 21.3416, 14.6000

Sweetspot

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



15.5861, 21.3425, 21.3876



37.8192, 43.1593, 46.3411



15.0310, 21.3083, 9.9777



8.5429, 9.8590, 10.5577



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.5861, 21.3425, 21.3876



25.7212, 37.1397, 35.9681



14.9131, 18.0618, 27.1274



5.1138, 5.6650, 6.1205



10.4123, 17.4975, 13.7275



0.0754, 0.1187, 0.1242

Inverse Universe

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



15.1401, 11.3120, 11.7423



24.8317, 16.8996, 16.5572



15.4795, 13.1202, 8.3736



5.0870, 5.0702, 5.5464



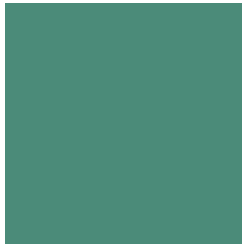
9.9484, 5.0895, 2.2328



0.0717, 0.0361, 0.0444

Previews

White Background



This preview shows how the XYZ color 15.5855, 21.3416, 21.3871 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 15.5855, 21.3416, 21.3871 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 15.5855, 21.3416, 21.3871

Background



This preview shows how black text looks on a background with the XYZ color 15.5855, 21.3416, 21.3871.



This preview shows how white text looks on a background with the XYZ color 15.5855, 21.3416,

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

15.5855, 21.3416, 21.3871

Protanopia

20.0138, 21.0421, 18.9263

Deuteranopia

21.5363, 21.1966, 22.0251



Tritanopia

17.3320, 21.1971, 30.3721

Trichromacy



Original Color

15.5855, 21.3416, 21.3871

Protanomaly

17.8827, 20.8965, 19.9205

Deuteranomaly

18.6279, 20.8436, 21.7803

Tritanomaly

16.5440, 21.0767, 26.8632

Monochromacy



Original Color

15.5855, 21.3416, 21.3871

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.2701, 19.0784, 20.2777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5855, 21.3416, 21.3871 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(75, 139, 121)` looks like.

```
.text, #text, p{  
  color:rgb(75, 139, 121)  
}
```

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(75, 139, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 139, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.5855, 21.3416, 21.3871 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(75, 139, 121) }
```


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

```
.border{ border-color:rgb(75, 139, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 139, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 139, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 139, 121);  
box-shadow:4px 4px 4px 4px rgb(75, 139,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5855, 21.3416, 21.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 139, 121) }
```

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

```
.background{ background-color: rgb(75, 139,  
121) }
```

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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