

Converting Colors

XYZ(15.6970, 25.3761, 21.1928)

Have a look what the booklet for
XYZ(15.6970, 25.3761, 21.1928)
contains.

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Color

**XYZ(15.6939, 25.3610,
21.2075)**

Conversions

Conversions Part 1

Format	Color
Hex	1E9C76
RGB	30, 156, 118
RGB Percent	12%, 61%, 46%
CMY	0.8823, 0.3882, 0.5373
CMYK	0.81, 0.00, 0.24, 0.39
HSL	162°, 68%, 36%
HSV	162°, 81%, 61%
XYZ	15.6939, 25.3610, 21.2075
YIQ	113.9940, -62.8980, -38.5300

Conversions

Conversions Part 2

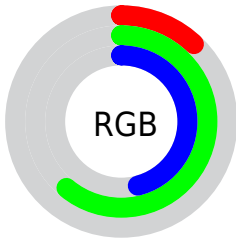
Format	Color
R_{YB}	30, 104, 156
Decimal	2006134
CIE _{Lab}	57.43, -42.18, 10.66
CIE _{LCh}	57, 43.511, 165.814
Yxy	25.3610, 0.2521, 0.4073
Android (android.graphics.Color)	4280196214 (0xFF1E9C76)
YUV	113.9940, 1.9750, -73.6627
Hunter-Lab	50.3597, -32.5025, 10.2836

Details

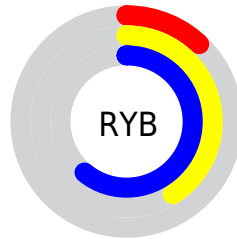
The XYZ color **15.6939, 25.3610, 21.2075** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.2188, 8.4144, 6.2919**, and the grayscale version is **16.0010, 16.8343, 18.3325**.

A 20% lighter version of the original color is **35.4797, 52.0322, 46.2035**, and **6.0558, 10.3428, 7.4715** is the 20% darker color. If you saturate the color by 10%, you get **15.0737, 25.0734, 19.7555**, and if you desaturate by 10%, it is **16.5547, 25.7723, 22.7447**.

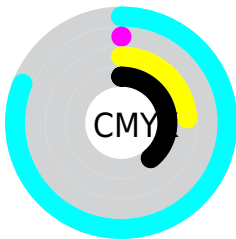
Distribution



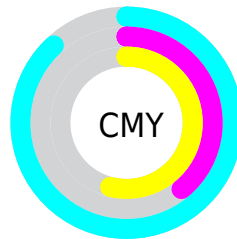
- Red (12%)
- Green (61%)
- Blue (46%)



- Red (12%)
- Yellow (41%)
- Blue (61%)



- Cyan (81%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)



- Cyan (88%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6939, 25.3610, 21.2075 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 15.6939, 25.3610, 21.2075 by changing the saturation by 10% instead.

■ 15.6939, 25.3610,
21.2075

■ 15.6939, 25.3610,
21.2075

■ 220.8347,
279.6310, 271.1964

■ 9.3973, 16.3462,
13.0830

■ 35.6277, 52.2423,
46.3179

■ 5.0604, 9.7695,
7.3544

■ 49.9957, 70.8775,
64.1409

■ 2.3179, 5.2464,
3.6029

■ 67.7847, 93.4884,
86.0338

■ 0.8038, 2.3925,
1.4101

■ 89.3603, 120.4593,
112.4152

■ 0.0000, 0.8220,
0.1496

■ 115.0877,
152.1747, 143.7036

■ 0.0000, 0.0000,
0.0000

■ 145.3324,

189.0188, 180.3176

180.4596,
231.3761, 222.6757

■ 15.6939, 25.3610,
21.2075

■ 15.6939, 25.3610,
21.2075

■ 15.0737, 25.0734,
19.7555

■ 16.5547, 25.7723,
22.7447

■ 14.6466, 24.8809,
18.4849

■ 17.6837, 26.3196,
24.3677

■ 19.1067, 27.0167,
26.0794

■ 20.8458, 27.8752,
27.8817

■ 22.9211, 28.9052,
29.7765

■ 25.3508, 30.1163,
31.7657

■ 28.1518, 31.5170,
33.8510

■ 31.3400, 33.1156,
36.0340

■ 34.9304, 34.9197,
38.3164

Harmonies

Analogous

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



17.6555, 25.3610, 12.1433



15.6939, 25.3610, 21.2075



15.7489, 25.3610, 36.1227

Triad

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



15.6939, 25.3610, 21.2075



26.9170, 25.3610, 65.0662



31.7193, 25.3610, 11.8153

Complementary

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



15.6939, 25.3610, 21.2075



15.2188, 8.4144, 6.2919

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.



34.9914, 25.3610, 20.5585



15.6939, 25.3610, 21.2075



31.9599, 25.3610, 52.5921

Square

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



15.6939, 25.3610, 21.2075



21.7497, 25.3610, 65.4379



35.0852, 25.3610, 35.1955



26.6242, 25.3610, 8.1861

Rectangle

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



15.6939, 25.3610, 21.2075



16.9083, 25.3610, 47.8503



35.0852, 25.3610, 35.1955



33.0990, 25.3610, 14.0790

Sweetspot

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



15.6946, 25.3620, 21.2081



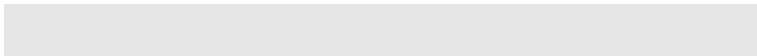
44.3288, 53.8425, 56.3333



14.6422, 25.1702, 5.3152



9.4345, 11.6884, 12.1330



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.



15.6946, 25.3620, 21.2081



26.7279, 45.2486, 33.8385



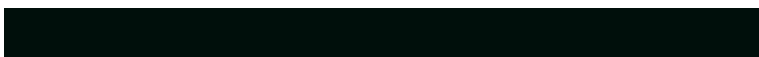
14.9108, 19.4251, 34.4172



6.7366, 7.4754, 8.0473



12.0797, 20.4998, 15.3086



0.2337, 0.3736, 0.3669

Inverse Universe

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



15.2188, 8.4144, 6.2919



25.9458, 13.3612, 6.3351



15.2231, 9.7177, 2.3020



6.7113, 6.6774, 7.3309



11.7304, 5.9967, 2.8314



0.2272, 0.1142, 0.1426

Previews

White Background



This preview shows how the XYZ color 15.6939, 25.3610, 21.2075 looks on a white background.

Color Contrast Check

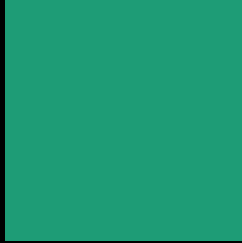
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6939, 25.3610, 21.2075 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 15.6939, 25.3610, 21.2075

Background



This preview shows how black text looks on a background with the XYZ color 15.6939, 25.3610, 21.2075.



This preview shows how white text looks on a background with the XYZ color 15.6939, 25.3610,

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

15.6939, 25.3610, 21.2075

Protanopia

23.5600, 25.1064, 18.0723

Deuteranopia

25.3440, 24.9012, 22.2095



Tritanopia

19.1153, 25.2912, 38.0566

Trichromacy



Original Color

15.6939, 25.3610, 21.2075

Protanomaly

18.6068, 24.0594, 18.9925

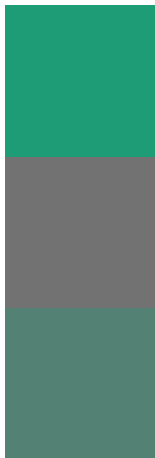
Deuteranomaly

19.4065, 23.7452, 21.6496

Tritanomaly

17.5888, 25.1361, 31.1189

Monochromacy



Original Color

15.6939, 25.3610, 21.2075

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.5120, 18.7773, 19.0792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6939, 25.3610, 21.2075 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(30, 156, 118)` looks like.

```
.text, #text, p{  
    color:rgb(30, 156, 118)  
}
```

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(30, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 156, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.6939, 25.3610, 21.2075 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(30, 156, 118) }
```


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

```
.border{ border-color:rgb(30, 156, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 156, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 156, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 156, 118);  
box-shadow:4px 4px 4px 4px rgb(30, 156,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6939, 25.3610, 21.2075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 156, 118) }
```

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

```
.background{ background-color: rgb(30, 156,  
118) }
```

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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