

Converting Colors

XYZ(19.3514, 19.1873, 21.0959)

Have a look what the booklet for
XYZ(19.3514, 19.1873, 21.0959)
contains.

XYZ(19.3514, 19.1873, 21.0959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.3514, 19.1873,
21.0959)**

Conversions

Conversions Part 1

Format	Color
Hex	83767A
RGB	131, 118, 122
RGB Percent	51%, 46%, 48%
CMY	0.4863, 0.5372, 0.5216
CMYK	0.00, 0.10, 0.07, 0.49
HSL	342°, 5%, 49%
HSV	342°, 10%, 51%
XYZ	19.3514, 19.1873, 21.0959
YIQ	122.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

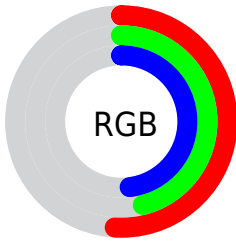
Format	Color
R_{YB}	131, 118, 122
Decimal	8615546
CIE Lab	50.91, 5.76, -0.37
CIE LCh	51, 5.771, 356.278
Yxy	19.1873, 0.3245, 0.3217
Android (android.graphics.Color)	4286805626 (0xFF83767A)
YUV	122.3430, -0.1691, 7.5922
Hunter-Lab	43.8033, 2.2018, 2.1079

Details

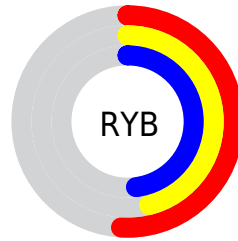
The XYZ color **19.3514, 19.1873, 21.0959** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4191, 21.6171, 23.2289**, and the grayscale version is **18.6103, 19.5795, 21.3221**.

A 20% lighter version of the original color is **41.7819, 41.9958, 45.9483**, and **6.8724, 6.6552, 7.2257** is the 20% darker color. If you saturate the color by 10%, you get **17.3786, 16.0995, 17.7936**, and if you desaturate by 10%, it is **21.5920, 22.7264, 24.7469**.

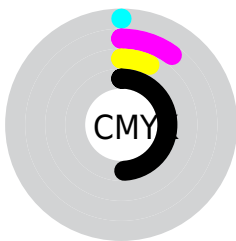
Distribution



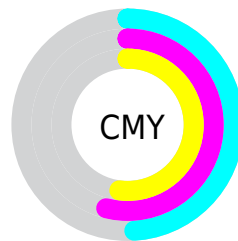
- Red (51%)
- Green (46%)
- Blue (48%)



- Red (51%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3514, 19.1873, 21.0959 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 19.3514, 19.1873, 21.0959 by changing the saturation by 10% instead.

■ 19.3514, 19.1873,
21.0959

■ 19.3514, 19.1873,
21.0959

241.2829,
247.4808, 270.5855

■ 12.0300, 11.8057,
13.0022

■ 41.8393, 42.0504,
46.1299

■ 6.8364, 6.6115,
7.2993

■ 57.7366, 58.3006,
63.9074

■ 3.4054, 3.2204,
3.5687

■ 77.2231, 78.2758,
85.7498

■ 1.3716, 1.2478,
1.3919

100.6643,
102.3605, 112.0757

■ 0.2359, 0.1003,
0.1354

128.4255,
130.9389, 143.3037

■ 0.0000, 0.0000,
0.0000

160.8722,

164.3955, 179.8523

198.3695,
203.1147, 222.1400

■ 19.3514, 19.1873,
21.0959

■ 19.3514, 19.1873,
21.0959

■ 17.3786, 16.0995,
17.7936

■ 21.5920, 22.7264,
24.7469

■ 15.6618, 13.4422,
14.8282

■ 24.1085, 26.7312,
28.7552

■ 14.1907, 11.1969,
12.1892

■ 26.9105, 31.2189,
33.1310

■ 12.9536, 9.3429,
9.8649

■ 30.0069, 36.2048,
37.8833

■ 11.9378, 7.8573,
7.8431

■ 33.4059, 41.7037,
43.0211

■ 11.1295, 6.7152,
6.1105

■ 37.1155, 47.7297,
48.5529

■ 10.5130, 5.8883,
4.6529

■ 41.1435, 54.2964,
54.4870

■ 10.0703, 5.3438,
3.4545

■ 45.4973, 61.4167,
60.8316

■ 9.7505, 4.9833,
2.4878

■ 50.1841, 69.1035,
67.5943

Harmonies

Analogous

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



19.1628, 19.1873, 22.6812



19.3514, 19.1873, 21.0959



19.2363, 19.1873, 19.5341

Triad

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



19.3514, 19.1873, 21.0959



17.7565, 19.1873, 18.2045



17.6359, 19.1873, 23.6096

Complementary

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



19.3514, 19.1873, 21.0959



19.4191, 21.6171, 23.2289

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.



17.2728, 19.1873, 22.3108



19.3514, 19.1873, 21.0959



17.3414, 19.1873, 19.1989

Square

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



19.3514, 19.1873, 21.0959



18.3081, 19.1873, 17.9165



17.1661, 19.1873, 20.6888



18.1660, 19.1873, 24.1793

Rectangle

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



19.3514, 19.1873, 21.0959



19.0041, 19.1873, 18.7067



17.1661, 19.1873, 20.6888



17.4907, 19.1873, 23.2406

Sweetspot

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



19.3519, 19.1881, 21.0963



37.3510, 38.6146, 42.1900



19.3109, 19.0995, 24.1419



8.6255, 8.8787, 9.7081



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.3519, 19.1881, 21.0963



33.7801, 32.9875, 36.3302



19.3934, 19.6595, 19.9130



4.7272, 4.7106, 5.1758



9.5966, 4.9030, 2.4478



0.0362, 0.0182, 0.0241

Inverse Universe

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



19.3519, 19.1881, 21.0963



33.7801, 32.9875, 36.3302



19.3685, 21.0906, 24.5232



4.7272, 4.7106, 5.1758



9.5966, 4.9030, 2.4478



0.0362, 0.0182, 0.0241

Previews

White Background



This preview shows how the XYZ color 19.3514, 19.1873, 21.0959 looks on a white background.

Color Contrast Check

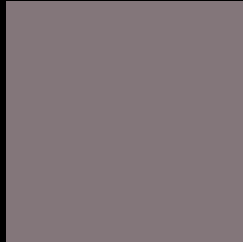
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3514, 19.1873, 21.0959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

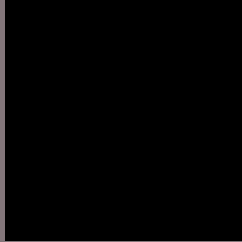
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3514, 19.1873, 21.0959

Background



This preview shows how black text looks on a background with the XYZ color 19.3514, 19.1873, 21.0959.



This preview shows how white text looks on a background with the XYZ color 19.3514, 19.1873,

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

19.3514, 19.1873, 21.0959

Protanopia

18.6438, 19.3409, 21.8193

Deuteranopia

19.5470, 19.1143, 21.0715



Tritanopia

19.6429, 19.1345, 22.3967

Trichromacy



Original Color

19.3514, 19.1873, 21.0959

Protanomaly

18.8958, 19.2986, 21.4680

Deuteranomaly

19.3899, 19.0333, 21.0642

Tritanomaly

19.5787, 19.1088, 22.0585

Monochromacy



Original Color

19.3514, 19.1873, 21.0959

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.8077, 19.4399, 21.1734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3514, 19.1873, 21.0959 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(131, 118, 122)` looks like.

```
.text, #text, p{  
    color:rgb(131, 118, 122)  
}
```

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(131, 118, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 118, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.3514, 19.1873, 21.0959 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(131, 118, 122) }
```


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

```
.border{ border-color:rgb(131, 118, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 118, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 118, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 118, 122);  
box-shadow:4px 4px 4px 4px rgb(131, 118,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3514, 19.1873, 21.0959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 118, 122) }
```

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

```
.background{ background-color: rgb(131,  
118, 122) }
```

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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