

Converting Colors

XYZ(19.2369, 21.6080, 19.3765)

Have a look what the booklet for
XYZ(19.2369, 21.6080, 19.3765)
contains.

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Color

**XYZ(19.2369, 21.6080,
19.3765)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8373
RGB	122, 131, 115
RGB Percent	48%, 51%, 45%
CMY	0.5216, 0.4863, 0.5490
CMYK	0.07, 0.00, 0.12, 0.49
HSL	94°, 7%, 48%
HSV	94°, 12%, 51%
XYZ	19.2369, 21.6080, 19.3765
YIQ	126.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

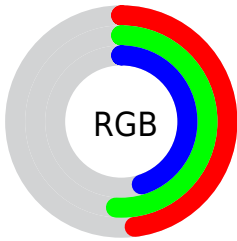
Format	Color
R_{YB}	115, 131, 124
Decimal	8029043
CIE Lab	53.61, -6.47, 7.52
CIE LCh	54, 9.922, 130.725
Yxy	21.6080, 0.3194, 0.3588
Android (android.graphics.Color)	4286219123 (0xFF7A8373)
YUV	126.4850, -5.6621, -3.9333
Hunter-Lab	46.4844, -7.4781, 7.8247

Details

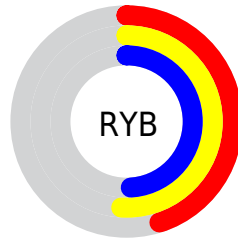
The XYZ color **19.2369, 21.6080, 19.3765** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.5404, 18.1858, 24.0069**, and the grayscale version is **20.0158, 21.0581, 22.9323**.

A 20% lighter version of the original color is **41.5711, 46.0697, 43.2605**, and **6.7781, 7.8563, 6.4694** is the 20% darker color. If you saturate the color by 10%, you get **17.5319, 20.8107, 15.6374**, and if you desaturate by 10%, it is **21.1294, 22.4908, 23.6846**.

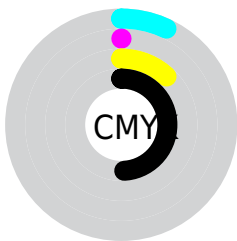
Distribution



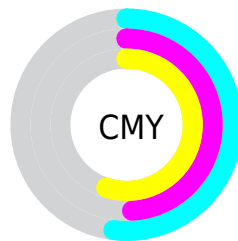
- Red (48%)
- Green (51%)
- Blue (45%)



- Red (45%)
- Yellow (51%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (49%)



- Cyan (52%)
- Magenta (49%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2369, 21.6080, 19.3765 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 19.2369, 21.6080, 19.3765 by changing the saturation by 10% instead.

■ 19.2369, 21.6080,
19.3765

■ 19.2369, 21.6080,
19.3765

240.6666,
260.4923, 261.0111

■ 11.9466, 13.5691,
11.7631

■ 41.6478, 46.0972,
43.2145

■ 6.7793, 7.8216,
6.4620

■ 57.4991, 63.3164,
60.2761

■ 3.3695, 3.9810,
3.0547

■ 76.9348, 84.3645,
81.3242

■ 1.3521, 1.6630,
1.1226

100.3203,
109.6259, 106.7774

■ 0.2217, 0.3995,
0.0000

128.0208,
139.4850, 137.0541

■ 0.0000, 0.0000,
0.0000

160.4018,

174.3261, 172.5729

197.8286,
214.5338, 213.7524

■ 19.2369, 21.6080,
19.3765

■ 19.2369, 21.6080,
19.3765

■ 17.5319, 20.8107,
15.6374

■ 21.1294, 22.4908,
23.6846

■ 16.0065, 20.0934,
12.4421

■ 23.2135, 23.4590,
28.5826

■ 14.6544, 19.4543,
9.7656

■ 25.4955, 24.5158,
34.0921

■ 13.4688, 18.8902,
7.5805

■ 27.9807, 25.6637,
40.2333

■ 12.4419, 18.3979,
5.8567

■ 30.6744, 26.9048,
47.0254

■ 11.5655, 17.9738,
4.5609

■ 33.5816, 28.2413,
54.4866

■ 10.8301, 17.6140,
3.6554

■ 36.7070, 29.6754,
62.6347

■ 10.2253, 17.3140,
3.0959

■ 40.0552, 31.2090,
71.4866

■ 9.8216, 17.1124,
2.7854

■ 43.6308, 32.8442,
81.0588

Harmonies

Analogous

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



20.1609, 21.6080, 18.2472



19.2369, 21.6080, 19.3765



18.6739, 21.6080, 21.6533

Triad

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



19.2369, 21.6080, 19.3765



19.8725, 21.6080, 29.4766



22.6054, 21.6080, 22.4581

Complementary

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



19.2369, 21.6080, 19.3765



18.5404, 18.1858, 24.0069

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.



22.5217, 21.6080, 25.5067



19.2369, 21.6080, 19.3765



20.9193, 21.6080, 29.7391

Square

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



19.2369, 21.6080, 19.3765



19.0320, 21.6080, 27.5436



21.8960, 21.6080, 28.2325



22.1209, 21.6080, 19.9220

Rectangle

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



19.2369, 21.6080, 19.3765



18.5670, 21.6080, 23.6014



21.8960, 21.6080, 28.2325



22.6432, 21.6080, 23.4537

Sweetspot

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



19.2375, 21.6089, 19.3770



37.1744, 39.9662, 40.8845



19.6380, 20.4291, 19.1281



8.6005, 9.2796, 9.3935



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.



19.2375, 21.6089, 19.3770



33.4569, 38.2316, 32.4942



18.3279, 21.1347, 19.5758



4.7953, 5.2970, 4.9991



9.6704, 16.8452, 2.7418



0.0416, 0.0626, 0.0099

Inverse Universe

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



18.5404, 18.1858, 24.0069



31.9210, 30.6899, 42.6945



19.5343, 18.7044, 23.7714



4.6664, 4.6641, 5.8551



6.7924, 3.0358, 21.3647



0.0319, 0.0148, 0.0744

Previews

White Background



This preview shows how the XYZ color 19.2369, 21.6080, 19.3765 looks on a white background.

Color Contrast Check

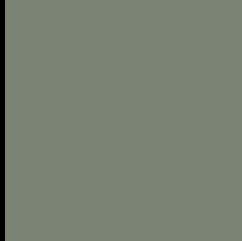
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2369, 21.6080, 19.3765 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

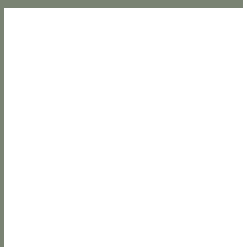
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2369, 21.6080, 19.3765

Background



This preview shows how black text looks on a background with the XYZ color 19.2369, 21.6080, 19.3765.



This preview shows how white text looks on a background with the XYZ color 19.2369, 21.6080,

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

19.2369, 21.6080, 19.3765

Protanopia

20.5313, 21.6989, 18.7290

Deuteranopia

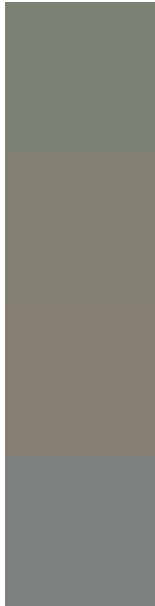
21.7954, 21.3796, 19.8075



Tritanopia

20.7641, 21.6333, 27.1260

Trichromacy



Original Color

19.2369, 21.6080, 19.3765

Protanomaly

20.0934, 21.6612, 19.0416

Deuteranomaly

20.7666, 21.4169, 19.5624

Tritanomaly

20.1917, 21.5973, 24.2236

Monochromacy



Original Color

19.2369, 21.6080, 19.3765

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.6895, 21.2035, 21.4673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2369, 21.6080, 19.3765 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(122, 131, 115)` looks like.

```
.text, #text, p{  
    color:rgb(122, 131, 115)  
}
```

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(122, 131, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 131, 115) }
```

Border

The CSS property to change the border of an element to XYZ 19.2369, 21.6080, 19.3765 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(122, 131, 115) }
```


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

```
.border{ border-color:rgb(122, 131, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 131, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 131, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 131, 115);  
box-shadow:4px 4px 4px 4px rgb(122, 131,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2369, 21.6080, 19.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 131, 115) }
```

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

```
.background{ background-color: rgb(122,  
131, 115) }
```

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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