

Converting Colors

XYZ(19.9366, 21.2355, 21.1775)

Have a look what the booklet for
XYZ(19.9366, 21.2355, 21.1775)
contains.

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Color

**XYZ(19.9426, 21.1484,
21.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	807F79
RGB	128, 127, 121
RGB Percent	50%, 50%, 47%
CMY	0.4980, 0.5019, 0.5255
CMYK	0.00, 0.01, 0.05, 0.50
HSL	51°, 3%, 49%
HSV	51°, 5%, 50%
XYZ	19.9426, 21.1484, 21.1201
YIQ	126.6150, 2.5220, -1.6540

Conversions

Conversions Part 2

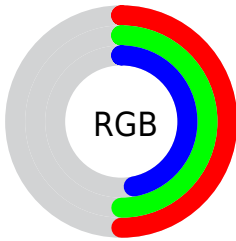
Format	Color
R_{YB}	122, 128, 121
Decimal	8421241
CIE Lab	53.11, -0.78, 3.38
CIE LCh	53, 3.474, 103.045
Yxy	21.1484, 0.3206, 0.3399
Android (android.graphics.Color)	4286611321 (0xFF807F79)
YUV	126.6150, -2.7682, 1.2146
Hunter-Lab	45.9874, -3.0708, 4.9617

Details

The XYZ color **19.9426, 21.1484, 21.1201** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7409, 19.5421, 23.2065**, and the grayscale version is **20.0499, 21.0941, 22.9714**.

A 20% lighter version of the original color is **42.9201, 45.4834, 46.0522**, and **7.1514, 7.5921, 7.3918** is the 20% darker color. If you saturate the color by 10%, you get **18.9760, 20.3890, 17.1788**, and if you desaturate by 10%, it is **21.0188, 21.9598, 25.6124**.

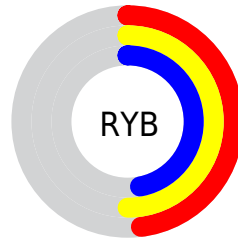
Distribution



Red (50%)

Green (50%)

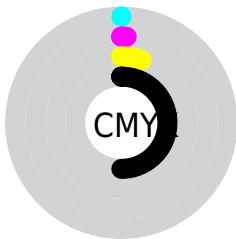
Blue (47%)



Red (48%)

Yellow (50%)

Blue (47%)



Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9426, 21.1484, 21.1201 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 19.9426, 21.1484, 21.1201 by changing the saturation by 10% instead.

■ 19.9426, 21.1484,
21.1201

■ 19.9426, 21.1484,
21.1201

244.4437,
258.0661, 270.7181

■ 12.4613, 13.2325,
13.0197

■ 42.8256, 45.3344,
46.1707

■ 7.1331, 7.5889,
7.3112

■ 58.9581, 62.3733,
63.9580

■ 3.5926, 3.8330,
3.5761

■ 78.7050, 83.2220,
85.8114

■ 1.4743, 1.5806,
1.3958

102.4317,
108.2648, 112.1494

■ 0.3083, 0.3445,
0.1384

130.5036,
137.8863, 143.3905

■ 0.0000, 0.0000,
0.0000

163.2860,

172.4707, 179.9533

201.1442,
212.4025, 222.2563

■ 19.9426, 21.1484,
21.1201

■ 19.9426, 21.1484,
21.1201

■ 18.9760, 20.3890,
17.1788

■ 21.0188, 21.9598,
25.6124

■ 18.1132, 19.6773,
13.7657

■ 22.2067, 22.8220,
30.6746

■ 17.3505, 19.0123,
10.8583

■ 23.5106, 23.7376,
36.3263

■ 16.6830, 18.3922,
8.4322

■ 24.9340, 24.7079,
42.5860

■ 16.1058, 17.8148,
6.4607

■ 26.4803, 25.7342,
49.4711

■ 15.6132, 17.2779,
4.9148

■ 28.1526, 26.8180,
56.9985

■ 15.1992, 16.7791,
3.7618

■ 29.9541, 27.9605,
65.1844

■ 14.8565, 16.3153,
2.9645

■ 31.8877, 29.1629,
74.0443

■ 14.5741, 15.8822,
2.4640

■ 33.9564, 30.4264,
83.5934

Harmonies

Analogous

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



20.3067, 21.1484, 21.1537



19.9426, 21.1484, 21.1201



19.6247, 21.1484, 21.5862

Triad

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



19.9426, 21.1484, 21.1201



19.5913, 21.1484, 24.4293



20.7811, 21.1484, 23.6194

Complementary

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



19.9426, 21.1484, 21.1201



18.7409, 19.5421, 23.2065

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.



20.5848, 21.1484, 24.5305



19.9426, 21.1484, 21.1201



19.8965, 21.1484, 25.0078

Square

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



19.9426, 21.1484, 21.1201



19.4236, 21.1484, 23.4846



20.2601, 21.1484, 25.0454



20.7938, 21.1484, 22.5754

Rectangle

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



19.9426, 21.1484, 21.1201



19.4806, 21.1484, 22.1261



20.2601, 21.1484, 25.0454



20.7343, 21.1484, 23.9521

Sweetspot

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



19.9432, 21.1493, 21.1206



35.7392, 37.7147, 39.7815



19.2556, 19.6706, 21.2108



8.3738, 8.8348, 9.3401



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.9432, 21.1493, 21.1206



34.8114, 37.0037, 35.9440



19.7085, 21.2205, 21.1467



4.6573, 4.9514, 4.8005



14.3318, 15.5600, 2.2480



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.7409, 19.5421, 23.2065



32.0695, 33.3385, 40.7010



18.9668, 19.4778, 23.1821



4.2847, 4.4532, 5.4470



4.0824, 1.9833, 20.4176



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.9426, 21.1484, 21.1201 looks on a white background.

Color Contrast Check

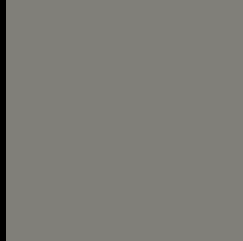
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9426, 21.1484, 21.1201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

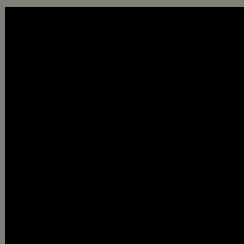
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

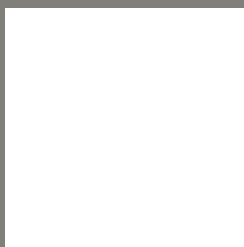
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9426, 21.1484, 21.1201

Background



This preview shows how black text looks on a background with the XYZ color 19.9426, 21.1484, 21.1201.



This preview shows how white text looks on a background with the XYZ color 19.9426, 21.1484,

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

19.9426, 21.1484, 21.1201

Protanopia

20.1180, 21.0480, 21.0915

Deuteranopia

21.5803, 21.2338, 21.3735



Tritanopia

20.9127, 21.1623, 25.9042

Trichromacy



Original Color

19.9426, 21.1484, 21.1201

Protanomaly

19.9653, 20.9693, 21.0844

Deuteranomaly

20.8738, 21.0547, 21.3761

Tritanomaly

20.5434, 21.2005, 24.1285

Monochromacy



Original Color

19.9426, 21.1484, 21.1201

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0434, 21.1714, 22.4321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9426, 21.1484, 21.1201 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(128, 127, 121)` looks like.

```
.text, #text, p{  
    color:rgb(128, 127, 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(128, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 127, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.9426, 21.1484, 21.1201 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(128, 127, 121) }
```


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

```
.border{ border-color:rgb(128, 127, 121) }
```

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

Here you see how a box with a 4 pixel rgb(128, 127, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 127, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 127, 121);  
box-shadow:4px 4px 4px 4px rgb(128, 127,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9426, 21.1484, 21.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 127, 121) }
```

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

```
.background{ background-color: rgb(128,  
127, 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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