

Converting Colors

XYZ(18.1274, 19.4041, 10.2088)

Have a look what the booklet for
XYZ(18.1274, 19.4041, 10.2088)
contains.

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Color

**XYZ(18.0802, 19.3076,
10.1709)**

Conversions

Conversions Part 1

Format	Color
Hex	86794F
RGB	134, 121, 79
RGB Percent	53%, 47%, 31%
CMY	0.4745, 0.5255, 0.6902
CMYK	0.00, 0.10, 0.41, 0.47
HSL	46°, 26%, 42%
HSV	46°, 41%, 53%
XYZ	18.0802, 19.3076, 10.1709
YIQ	120.0990, 21.2300, -10.3060

Conversions

Conversions Part 2

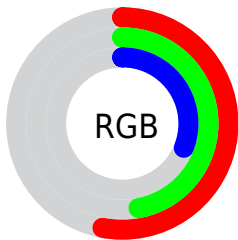
Format	Color
RYB	96, 134, 79
Decimal	8812879
CIELab	51.05, -1.43, 24.85
CIELCh	51, 24.890, 93.294
Yxy	19.3076, 0.3802, 0.4060
Android (android.graphics.Color)	4287002959 (0xFF86794F)
YUV	120.0990, -20.2618, 12.1912
Hunter-Lab	43.9404, -3.4482, 17.0344

Details

The XYZ color **18.0802, 19.3076, 10.1709** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.3546, 11.0374, 24.0863**, and the grayscale version is **17.9427, 18.8772, 20.5572**.

A 20% lighter version of the original color is **39.6451, 42.1635, 26.8177**, and **6.2243, 6.7139, 2.4067** is the 20% darker color. If you saturate the color by 10%, you get **17.2625, 18.3755, 7.7298**, and if you desaturate by 10%, it is **19.0099, 20.3061, 13.1349**.

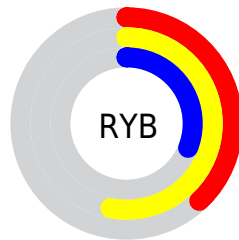
Distribution



Red (53%)

Green (47%)

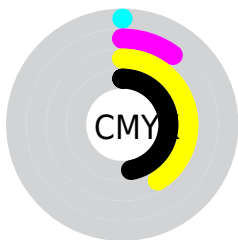
Blue (31%)



Red (38%)

Yellow (53%)

Blue (31%)

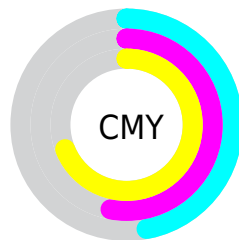


Cyan (0%)

Magenta (10%)

Yellow (41%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0802, 19.3076, 10.1709 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 18.0802, 19.3076, 10.1709 by changing the saturation by 10% instead.

■ 18.0802, 19.3076,
10.1709

■ 18.0802, 19.3076,
10.1709

234.3596,
248.1417, 202.4164

■ 11.1076, 11.8928,
5.4053

■ 39.7029, 42.2532,
26.7293

■ 6.2071, 6.6707,
2.4241

■ 55.0838, 58.5528,
39.3592

■ 3.0133, 3.2570,
0.7995

■ 73.9982, 78.5827,
55.4476

■ 1.1608, 1.2673,
0.0000

■ 96.8114, 102.7274,
75.4131

■ 0.0751, 0.1157,
0.0000

■ 123.8887,
131.3713, 99.6742

■ 0.0000, 0.0000,
0.0000

155.5957,

164.8987, 128.6494

192.2975,
203.6940, 162.7573

■ 18.0802, 19.3076,
10.1709

■ 18.0802, 19.3076,
10.1709

■ 17.2625, 18.3755,
7.7298

■ 19.0099, 20.3061,
13.1349

■ 16.5492, 17.5046,
5.7791

■ 20.0557, 21.3707,
16.6494

■ 15.9341, 16.6927,
4.2844

■ 21.2231, 22.5045,
20.7414

■ 15.4096, 15.9367,
3.2065

■ 22.5172, 23.7098,
25.4358

■ 14.9669, 15.2329,
2.4993

■ 23.9423, 24.9885,
30.7560

■ 14.6159, 14.6371,
2.0549

■ 25.5029, 26.3424,
36.7242

■ 27.2030, 27.7735,
43.3615

■ 29.0466, 29.2835,
50.6880

■ 31.0374, 30.8740,
58.7230

Harmonies

Analogous

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



20.5658, 19.3076, 11.0754



18.0802, 19.3076, 10.1709



15.8696, 19.3076, 11.5922

Triad

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



18.0802, 19.3076, 10.1709



14.6664, 19.3076, 29.3928



22.9214, 19.3076, 27.7352

Complementary

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



18.0802, 19.3076, 10.1709



11.3546, 11.0374, 24.0863

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.



21.0791, 19.3076, 34.5390



18.0802, 19.3076, 10.1709



16.3017, 19.3076, 35.6368

Square

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



18.0802, 19.3076, 10.1709



14.0129, 19.3076, 21.8126



18.6251, 19.3076, 37.7031



23.5038, 19.3076, 20.2521

Rectangle

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



18.0802, 19.3076, 10.1709



14.8063, 19.3076, 13.9057



18.6251, 19.3076, 37.7031



22.4213, 19.3076, 30.2289

Sweetspot

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



18.0807, 19.3085, 10.1713



37.1303, 39.4003, 35.6087



14.5924, 11.4464, 11.7384



8.3149, 8.8284, 7.8441



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.



18.0807, 19.3085, 10.1713



30.5457, 32.5297, 13.9960



17.7170, 21.6258, 10.6378



4.9490, 5.2415, 4.9802



13.7057, 13.7339, 1.9285



0.0531, 0.0587, 0.0085

Inverse Universe

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



11.3546, 11.0374, 24.0863



17.0640, 15.9620, 41.9200



11.5882, 9.6275, 23.8019



4.5173, 4.7101, 5.8718



4.5156, 2.5791, 21.3965



0.0205, 0.0187, 0.0757

Previews

White Background



This preview shows how the XYZ color 18.0802, 19.3076, 10.1709 looks on a white background.

Color Contrast Check

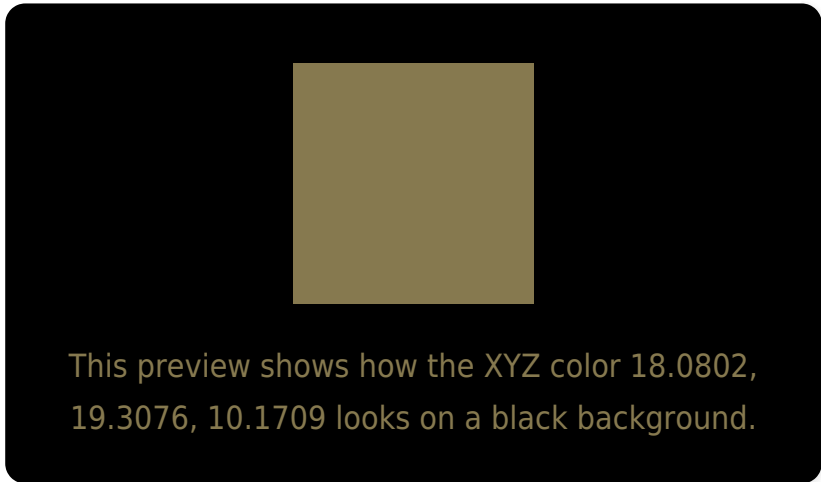
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 18.0802, 19.3076, 10.1709

Background



This preview shows how black text looks on a background with the XYZ color 18.0802, 19.3076, 10.1709.



This preview shows how white text looks on a background with the XYZ color 18.0802, 19.3076,

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

18.0802, 19.3076, 10.1709

Protanopia

17.8865, 19.3891, 10.1969

Deuteranopia

19.5474, 19.1810, 10.2615



Tritanopia

20.4163, 19.2057, 21.6998

Trichromacy



Original Color

18.0802, 19.3076, 10.1709

Protanomaly

18.0437, 19.4701, 10.2042

Deuteranomaly

19.0817, 19.2868, 10.3064

Tritanomaly

19.3846, 19.1237, 16.8569

Monochromacy



Original Color

18.0802, 19.3076, 10.1709

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7237, 18.8128, 16.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0802, 19.3076, 10.1709 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(134, 121, 79)` looks like.

```
.text, #text, p{  
    color:rgb(134, 121, 79)  
}
```

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(134, 121, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 121, 79) }
```

Border

The CSS property to change the border of an element to XYZ 18.0802, 19.3076, 10.1709 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(134, 121, 79) }
```


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

```
.border{ border-color:rgb(134, 121, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 121, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 121, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 121, 79);  
box-shadow:4px 4px 4px 4px rgb(134, 121,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0802, 19.3076, 10.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 121, 79) }
```

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

```
.background{ background-color: rgb(134,  
121, 79) }
```

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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