

Converting Colors

XYZ(18.7971, 18.9984, 24.0797)

Have a look what the booklet for
XYZ(18.7971, 18.9984, 24.0797)
contains.

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Color

**XYZ(18.8619, 19.0433,
24.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7783
RGB	123, 119, 131
RGB Percent	48%, 47%, 51%
CMY	0.5176, 0.5333, 0.4863
CMYK	0.06, 0.09, 0.00, 0.49
HSL	260°, 5%, 49%
HSV	260°, 9%, 51%
XYZ	18.8619, 19.0433, 24.1543
YIQ	121.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

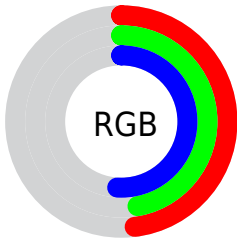
Format	Color
R_{YB}	123, 119, 131
Decimal	8091523
CIE Lab	50.74, 3.98, -6.01
CIE LCh	51, 7.205, 303.534
Yxy	19.0433, 0.3039, 0.3069
Android (android.graphics.Color)	4286281603 (0xFF7B7783)
YUV	121.5640, 4.6519, 1.2594
Hunter-Lab	43.6386, 0.7854, -2.2704

Details

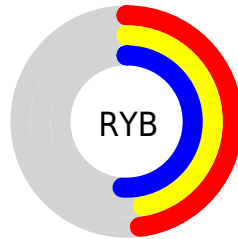
The XYZ color **18.8619, 19.0433, 24.1543** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1992, 22.0771, 20.6504**, and the grayscale version is **18.3428, 19.2981, 21.0156**.

A 20% lighter version of the original color is **40.8938, 41.7005, 51.2411**, and **6.6003, 6.5715, 8.9032** is the 20% darker color. If you saturate the color by 10%, you get **16.2149, 15.5220, 23.6144**, and if you desaturate by 10%, it is **21.8365, 23.0535, 24.7719**.

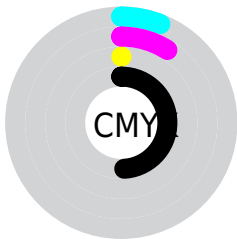
Distribution



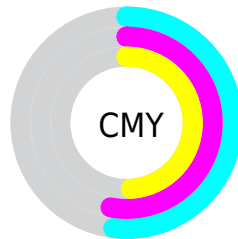
- Red (48%)
- Green (47%)
- Blue (51%)



- Red (48%)
- Yellow (47%)
- Blue (51%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (52%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8619, 19.0433, 24.1543 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 18.8619, 19.0433, 24.1543 by changing the saturation by 10% instead.

■ 18.8619, 19.0433,
24.1543

■ 18.8619, 19.0433,
24.1543

238.6381,
246.6877, 286.9113

■ 11.6739, 11.7016,
15.2349

■ 41.0193, 41.8073,
51.2289

■ 6.5927, 6.5408,
8.8359

■ 56.7194, 57.9983,
70.2211

■ 3.2527, 3.1766,
4.5390

■ 75.9877, 77.9078,
93.4079

■ 1.2888, 1.2246,
1.9254

99.1894, 101.9203,
121.2080

■ 0.1748, 0.0817,
0.5088

126.6900,
130.4202, 154.0399

■ 0.0000, 0.0000,
0.0000

158.8547,

163.7918, 192.3220

196.0489,
202.4195, 236.4730

■ 18.8619, 19.0433,
24.1543

■ 18.8619, 19.0433,
24.1543

■ 16.2149, 15.5220,
23.6144

■ 21.8365, 23.0535,
24.7719

■ 13.8821, 12.4683,
23.1480

■ 25.1480, 27.5681,
25.4687

■ 11.8517, 9.8628,
22.7520

■ 28.8075, 32.6050,
26.2481

■ 10.1106, 7.6836,
22.4232

■ 32.8250, 38.1803,
27.1125

■ 8.6445, 5.9072,
22.1576

■ 37.2101, 44.3095,
28.0644

7.4378, 4.5077,
21.9511

41.9721, 51.0075,
29.1063

6.4732, 3.4560,
21.7989

47.1198, 58.2886,
30.2403

5.7311, 2.7184,
21.6956

52.6619, 66.1665,
31.4688

5.1641, 2.2067,
21.6268

58.6067, 74.6546,
32.7939

Harmonies

Analogous

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



18.1840, 19.0433, 24.8709



18.8619, 19.0433, 24.1543



19.3452, 19.0433, 22.5198

Triad

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



18.8619, 19.0433, 24.1543



18.7130, 19.0433, 17.4397



16.7762, 19.0433, 20.9759

Complementary

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



18.8619, 19.0433, 24.1543



20.1992, 22.0771, 20.6504

Split Complementary

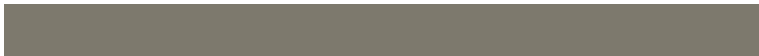
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.9096, 19.0433, 19.0469



18.8619, 19.0433, 24.1543



18.0164, 19.0433, 17.0850

Square

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



18.8619, 19.0433, 24.1543



19.2577, 19.0433, 18.6566



17.3591, 19.0433, 17.6545



16.9899, 19.0433, 22.9621

Rectangle

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



18.8619, 19.0433, 24.1543



19.4855, 19.0433, 21.1767



17.3591, 19.0433, 17.6545



16.7820, 19.0433, 20.2993

Sweetspot

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



18.8625, 19.0441, 24.1547



36.9504, 38.3696, 43.9117



19.3204, 20.7917, 24.4679



8.5100, 8.8081, 10.2043



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.



18.8625, 19.0441, 24.1547



32.7371, 32.7108, 43.0415



19.7171, 19.4847, 24.1947



4.5699, 4.6144, 5.8506



5.0429, 2.1339, 21.2828



0.0246, 0.0111, 0.0741

Inverse Universe

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



19.7884, 19.5521, 22.8107



34.7534, 33.8175, 40.0968



19.3600, 21.6444, 20.6111



4.7937, 4.7371, 5.5258



10.9224, 5.4333, 9.4295



0.0412, 0.0202, 0.0505

Previews

White Background



This preview shows how the XYZ color 18.8619, 19.0433, 24.1543 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 18.8619, 19.0433, 24.1543 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 18.8619, 19.0433, 24.1543

Background



This preview shows how black text looks on a background with the XYZ color 18.8619, 19.0433, 24.1543.



This preview shows how white text looks on a background with the XYZ color 18.8619, 19.0433,

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

18.8619, 19.0433, 24.1543

Protanopia

18.6271, 19.0920, 24.5332

Deuteranopia

19.3601, 18.9505, 24.1101



Tritanopia

18.7277, 18.9896, 23.4472

Trichromacy



Original Color

18.8619, 19.0433, 24.1543

Protanomaly

18.7665, 19.1638, 24.5397

Deuteranomaly

19.1794, 19.0312, 24.1353

Tritanomaly

18.7945, 19.0163, 23.7990

Monochromacy



Original Color

18.8619, 19.0433, 24.1543

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.5651, 19.2930, 22.1475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8619, 19.0433, 24.1543 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(123, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(123, 119, 131)  
}
```

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(123, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 119, 131) }
```

Border

The CSS property to change the border of an element to XYZ 18.8619, 19.0433, 24.1543 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(123, 119, 131) }
```


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

```
.border{ border-color:rgb(123, 119, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(123, 119,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8619, 19.0433, 24.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 119, 131) }
```

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

```
.background{ background-color: rgb(123,  
119, 131) }
```

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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