

Converting Colors

XYZ(18.9497, 19.1361, 24.7406)

Have a look what the booklet for
XYZ(18.9497, 19.1361, 24.7406)
contains.

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Color

**XYZ(18.9988, 19.0981,
24.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7785
RGB	123, 119, 133
RGB Percent	48%, 47%, 52%
CMY	0.5176, 0.5333, 0.4784
CMYK	0.08, 0.11, 0.00, 0.48
HSL	257°, 6%, 49%
HSV	257°, 11%, 52%
XYZ	18.9988, 19.0981, 24.8752
YIQ	121.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

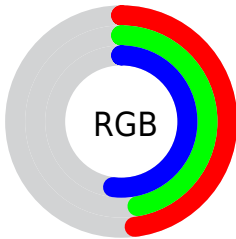
Format	Color
R_{YB}	123, 119, 133
Decimal	8091525
CIE _{Lab}	50.80, 4.41, -7.09
CIE _{LCh}	51, 8.348, 301.879
Yxy	19.0981, 0.3017, 0.3033
Android (android.graphics.Color)	4286281605 (0xFF7B7785)
YUV	121.7920, 5.5255, 1.0594
Hunter-Lab	43.7014, 1.1240, -3.1574

Details

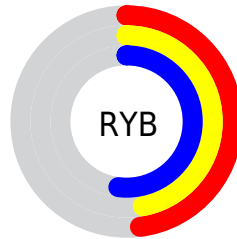
The XYZ color **18.9988, 19.0981, 24.8752** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.7714, 22.7746, 20.7550**, and the grayscale version is **18.4144, 19.3734, 21.0976**.

A 20% lighter version of the original color is **41.1050, 41.7850, 52.3532**, and **6.6775, 6.6024, 9.3100** is the 20% darker color. If you saturate the color by 10%, you get **16.2316, 15.4844, 24.3238**, and if you desaturate by 10%, it is **22.1206, 23.2245, 25.5074**.

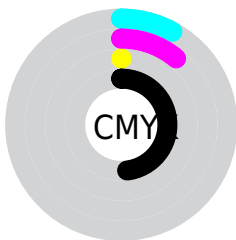
Distribution



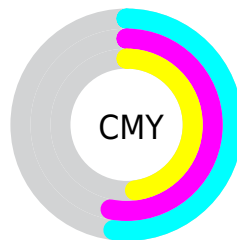
- Red (48%)
- Green (47%)
- Blue (52%)



- Red (48%)
- Yellow (47%)
- Blue (52%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (52%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9988, 19.0981, 24.8752 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 18.9988, 19.0981, 24.8752 by changing the saturation by 10% instead.

■ 18.9988, 19.0981,
24.8752

■ 18.9988, 19.0981,
24.8752

239.3804,
246.9898, 290.6436

■ 11.7734, 11.7412,
15.7659

■ 41.2490, 41.8998,
52.4163

■ 6.6607, 6.5677,
9.2061

■ 57.0044, 58.1134,
71.6852

■ 3.2952, 3.1932,
4.7772

■ 76.3340, 78.0480,
95.1777

■ 1.3118, 1.2334,
2.0607

99.6030, 102.0879,
123.3124

■ 0.1920, 0.0888,
0.5922

127.1768,
130.6177, 156.5078

■ 0.0000, 0.0000,
0.0000

159.4207,

164.0217, 195.1824

196.7001,
202.6843, 239.7549

■ 18.9988, 19.0981,
24.8752

■ 18.9988, 19.0981,
24.8752

■ 16.2316, 15.4844,
24.3238

■ 22.1206, 23.2245,
25.5074

■ 13.8044, 12.3607,
23.8488

■ 25.6076, 27.8804,
26.2223

■ 11.7041, 9.7063,
23.4472

■ 29.4719, 33.0844,
27.0231

■ 9.9161, 7.4979,
23.1151

■ 33.7246, 38.8540,
27.9126

■ 8.4245, 5.7103,
22.8487

■ 38.3763, 45.2055,
28.8934

7.2119, 4.3157,
22.6434

43.4372, 52.1548,
29.9680

6.2592, 3.2828,
22.4943

48.9171, 59.7170,
31.1389

5.5442, 2.5753,
22.3954

54.8256, 67.9068,
32.4082

5.0323, 2.1052,
22.3316

61.1718, 76.7383,
33.7784

Harmonies

Analogous

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



18.2040, 19.0981, 25.6489



18.9988, 19.0981, 24.8752



19.5805, 19.0981, 22.9993

Triad

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



18.9988, 19.0981, 24.8752



18.9065, 19.0981, 17.0563



16.6195, 19.0981, 20.9432

Complementary

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



18.9988, 19.0981, 24.8752



20.7714, 22.7746, 20.7550

Split Complementary

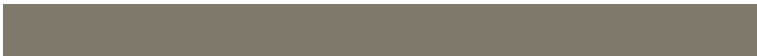
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.7951, 19.0981, 18.7354



18.9988, 19.0981, 24.8752



18.1004, 19.0981, 16.5950

Square

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



18.9988, 19.0981, 24.8752



19.5261, 19.0981, 18.4969



17.3311, 19.0981, 17.1866



16.8443, 19.0981, 23.2751

Rectangle

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



18.9988, 19.0981, 24.8752



19.7604, 19.0981, 21.4398



17.3311, 19.0981, 17.1866



16.6337, 19.0981, 20.1624

Sweetspot

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



18.9994, 19.0989, 24.8756



38.1300, 39.6219, 45.3765



19.6967, 21.3253, 25.2686



8.4952, 8.8004, 10.2036



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.



18.9994, 19.0989, 24.8756



32.5877, 32.3180, 44.2588



20.0319, 19.6312, 24.9239



4.5502, 4.6042, 5.8496



4.8006, 2.0089, 21.2714



0.0231, 0.0103, 0.0740

Inverse Universe

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



20.2329, 19.7661, 23.5189



35.3375, 33.8061, 41.2038



19.7487, 22.2474, 20.7071



4.8027, 4.7408, 5.5733



11.1854, 5.5385, 10.8148



0.0419, 0.0204, 0.0541

Previews

White Background



This preview shows how the XYZ color 18.9988, 19.0981, 24.8752 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 18.9988, 19.0981, 24.8752 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

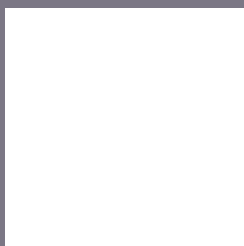
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9988, 19.0981, 24.8752

Background



This preview shows how black text looks on a background with the XYZ color 18.9988, 19.0981, 24.8752.



This preview shows how white text looks on a background with the XYZ color 18.9988, 19.0981,

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

18.9988, 19.0981, 24.8752

Protanopia

18.6273, 19.0761, 25.2545

Deuteranopia

19.4645, 19.1623, 24.8631



Tritanopia

18.7050, 19.1555, 23.4804

Trichromacy



Original Color

18.9988, 19.0981, 24.8752

Protanomaly

18.7653, 19.1472, 25.2610

Deuteranomaly

19.3163, 19.0859, 24.8562

Tritanomaly

18.7718, 19.1822, 23.8323

Monochromacy



Original Color

18.9988, 19.0981, 24.8752

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6293, 19.3187, 22.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9988, 19.0981, 24.8752 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(123, 119, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 119, 133) }
```

Border

The CSS property to change the border of an element to XYZ 18.9988, 19.0981, 24.8752 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, 133) }
```


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

```
.border{ border-color:rgb(123, 119, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 119, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 119, 133);  
box-shadow:4px 4px 4px 4px rgb(123, 119,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9988, 19.0981, 24.8752 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, 133) }
```

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

```
.background{ background-color: rgb(123,  
119, 133) }
```

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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