

Converting Colors

XYZ(17.8236, 18.9146, 18.2188)

Have a look what the booklet for
XYZ(17.8236, 18.9146, 18.2188)
contains.

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Color

**XYZ(17.8440, 19.0046,
18.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7971
RGB	122, 121, 113
RGB Percent	48%, 47%, 44%
CMY	0.5216, 0.5255, 0.5569
CMYK	0.00, 0.01, 0.07, 0.52
HSL	53°, 4%, 46%
HSV	53°, 7%, 48%
XYZ	17.8440, 19.0046, 18.3506
YIQ	120.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

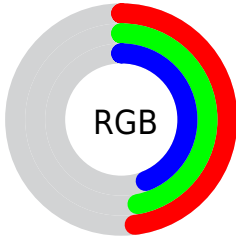
Format	Color
R_{YB}	114, 122, 113
Decimal	8026481
CIE _{Lab}	50.69, -1.17, 4.51
CIE _{LCh}	51, 4.662, 104.511
Yxy	19.0046, 0.3233, 0.3443
Android (android.graphics.Color)	4286216561 (0xFF7A7971)
YUV	120.3870, -3.6418, 1.4146
Hunter-Lab	43.5943, -3.2264, 5.5584

Details

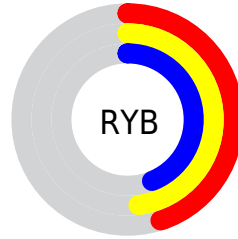
The XYZ color **17.8440, 19.0046, 18.3506** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3401, 16.9500, 20.8228**, and the grayscale version is **17.9876, 18.9244, 20.6086**.

A 20% lighter version of the original color is **39.1907, 41.6024, 41.5618**, and **6.0843, 6.5632, 5.9472** is the 20% darker color. If you saturate the color by 10%, you get **17.0400, 18.4227, 14.9187**, and if you desaturate by 10%, it is **18.7437, 19.6297, 22.2705**.

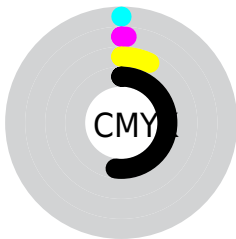
Distribution



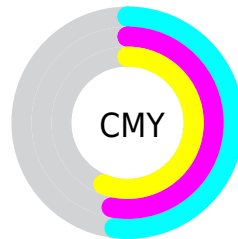
- Red (48%)
- Green (47%)
- Blue (44%)



- Red (45%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (52%)



- Cyan (52%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8440, 19.0046, 18.3506 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 17.8440, 19.0046, 18.3506 by changing the saturation by 10% instead.

■ 17.8440, 19.0046,
18.3506

■ 17.8440, 19.0046,
18.3506

233.0529,
246.4742, 255.1420

■ 10.9371, 11.6736,
11.0300

■ 39.3035, 41.7419,
41.4558

■ 6.0915, 6.5218,
5.9726

■ 54.5868, 57.9169,
58.0775

■ 2.9420, 3.1649,
2.7599

■ 73.3928, 77.8088,
78.6365

■ 1.1232, 1.2184,
0.9734

■ 96.0871, 101.8019,
103.5515

■ 0.0444, 0.0767,
0.0000

123.0349,
130.2806, 133.2411

■ 0.0000, 0.0000,
0.0000

154.6015,

163.6292, 168.1236

191.1524,
202.2323, 208.6177

■ 17.8440, 19.0046,
18.3506

■ 17.8440, 19.0046,
18.3506

■ 17.0400, 18.4227,
14.9187

■ 18.7437, 19.6297,
22.2705

■ 16.3265, 17.8801,
11.9543

■ 19.7410, 20.2969,
26.6953

■ 15.7000, 17.3759,
9.4372

■ 20.8398, 21.0084,
31.6427

■ 15.1565, 16.9086,
7.3454

■ 22.0431, 21.7654,
37.1291

■ 14.6912, 16.4761,
5.6548

■ 23.3539, 22.5691,
43.1704

■ 14.2993, 16.0767,
4.3392

■ 24.7751, 23.4208,
49.7814

■ 13.9751, 15.7078,
3.3691

■ 26.3095, 24.3216,
56.9768

■ 13.7121, 15.3671,
2.7105

■ 27.9598, 25.2724,
64.7706

■ 13.4955, 15.0485,
2.2853

■ 29.7284, 26.2744,
73.1761

Harmonies

Analogous

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



18.2990, 19.0046, 18.3609



17.8440, 19.0046, 18.3506



17.4542, 19.0046, 18.9494

Triad

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



17.8440, 19.0046, 18.3506



17.4438, 19.0046, 22.5078



18.9235, 19.0046, 21.3722

Complementary

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



17.8440, 19.0046, 18.3506



16.3401, 16.9500, 20.8228

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.



18.6864, 19.0046, 22.5400



17.8440, 19.0046, 18.3506



17.8296, 19.0046, 23.2142

Square

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



17.8440, 19.0046, 18.3506



17.2258, 19.0046, 21.3298



18.2844, 19.0046, 23.2262



18.9275, 19.0046, 20.0685

Rectangle

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



17.8440, 19.0046, 18.3506



17.2816, 19.0046, 19.6285



18.2844, 19.0046, 23.2262



18.8682, 19.0046, 21.7949

Sweetspot

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



17.8445, 19.0054, 18.3510



32.2156, 34.0122, 35.8501



16.9715, 17.1641, 18.3533



7.3718, 7.7808, 8.2216



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



17.8445, 19.0054, 18.3510



31.1210, 33.2422, 31.1100



17.4864, 19.0016, 18.3691



4.2717, 4.5618, 4.2799



14.1468, 15.7496, 2.2944



67.0961, 74.3558, 10.8158

Inverse Universe

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



16.3401, 16.9500, 20.8228



27.8531, 28.7774, 36.4795



16.6806, 16.9596, 20.8067



3.8301, 3.9585, 5.0054



3.8533, 1.7891, 19.5275



18.0564, 7.8854, 93.0401

Previews

White Background



This preview shows how the XYZ color 17.8440, 19.0046, 18.3506 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 17.8440, 19.0046, 18.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

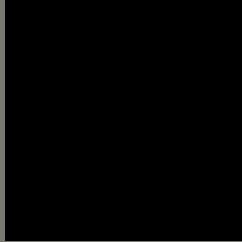
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8440, 19.0046, 18.3506

Background



This preview shows how black text looks on a background with the XYZ color 17.8440, 19.0046, 18.3506.



This preview shows how white text looks on a background with the XYZ color 17.8440, 19.0046,

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

17.8440, 19.0046, 18.3506

Protanopia

18.1546, 18.9852, 18.3304

Deuteranopia

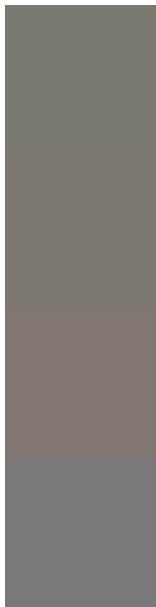
19.3902, 19.0884, 18.5820



Tritanopia

18.8053, 19.0373, 23.1055

Trichromacy



Original Color

17.8440, 19.0046, 18.3506

Protanomaly

18.0093, 18.9103, 18.3236

Deuteranomaly

18.7216, 18.9176, 18.5843

Tritanomaly

18.4600, 19.0740, 21.4476

Monochromacy



Original Color

17.8440, 19.0046, 18.3506

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.8125, 18.7822, 19.5161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8440, 19.0046, 18.3506 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, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(122, 121, 113)  
}
```

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, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 121, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.8440, 19.0046, 18.3506 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, 121, 113) }
```


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

```
.border{ border-color:rgb(122, 121, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 121, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 121, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 121, 113);  
box-shadow:4px 4px 4px 4px rgb(122, 121,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8440, 19.0046, 18.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 121, 113) }
```

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

```
.background{ background-color: rgb(122,  
121, 113) }
```

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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