

Converting Colors

XYZ(19.0574, 18.8767, 22.7348)

Have a look what the booklet for
XYZ(19.0574, 18.8767, 22.7348)
contains.

XYZ(19.0941, 18.8441, 22.7096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.0941, 18.8441,
22.7096)**

Conversions

Conversions Part 1

Format	Color
Hex	80757F
RGB	128, 117, 127
RGB Percent	50%, 46%, 50%
CMY	0.4980, 0.5412, 0.5020
CMYK	0.00, 0.09, 0.01, 0.50
HSL	305°, 4%, 48%
HSV	305°, 9%, 50%
XYZ	19.0941, 18.8441, 22.7096
YIQ	121.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

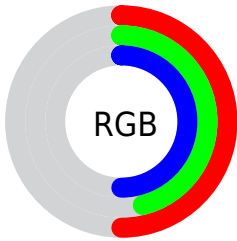
Format	Color
R_{YB}	128, 117, 127
Decimal	8418687
CIE Lab	50.50, 6.18, -3.95
CIE LCh	51, 7.331, 327.442
Yxy	18.8441, 0.3148, 0.3107
Android (android.graphics.Color)	4286608767 (0xFF80757F)
YUV	121.4290, 2.7465, 5.7628
Hunter-Lab	43.4098, 2.5473, -0.6304

Details

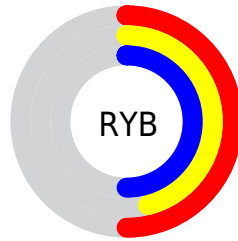
The XYZ color **19.0941, 18.8441, 22.7096** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3260, 20.5287, 20.1370**, and the grayscale version is **18.3039, 19.2571, 20.9710**.

A 20% lighter version of the original color is **41.4822, 41.4950, 49.0030**, and **6.7277, 6.4686, 8.1017** is the 20% darker color. If you saturate the color by 10%, you get **17.6284, 16.0330, 21.8493**, and if you desaturate by 10%, it is **20.7658, 22.0651, 23.6433**.

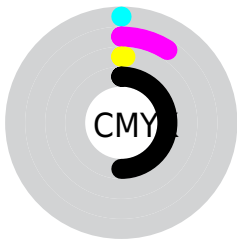
Distribution



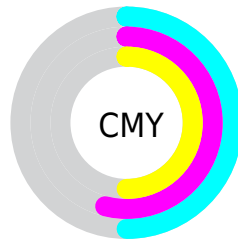
- Red (50%)
- Green (46%)
- Blue (50%)



- Red (50%)
- Yellow (46%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0941, 18.8441, 22.7096 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 19.0941, 18.8441, 22.7096 by changing the saturation by 10% instead.

■ 19.0941, 18.8441,
22.7096

■ 19.0941, 18.8441,
22.7096

239.8959,
245.5868, 279.3033

■ 11.8427, 11.5577,
14.1759

■ 41.4087, 41.4705,
48.8332

■ 6.7081, 6.4433,
8.1030

■ 57.2026, 57.5793,
67.2602

■ 3.3249, 3.1164,
4.0722

■ 76.5747, 77.3976,
89.8221

■ 1.3278, 1.1928,
1.6650

99.8904, 101.3099,
116.9373

■ 0.2039, 0.0558,
0.3366

127.5150,
129.7006, 149.0246

■ 0.0000, 0.0000,
0.0000

159.8139,

162.9540, 186.5023

197.1524,
201.4546, 229.7890

■ 19.0941, 18.8441,
22.7096

■ 19.0941, 18.8441,
22.7096

■ 17.6284, 16.0330,
21.8493

■ 20.7658, 22.0651,
23.6433

■ 16.3587, 13.6129,
21.0584

■ 22.6494, 25.7090,
24.6518

■ 15.2768, 11.5670,
20.3345

■ 24.7531, 29.7914,
25.7380

■ 14.3733, 9.8765,
19.6742

■ 27.0836, 34.3262,
26.9041

■ 13.6379, 8.5207,
19.0743

■ 29.6478, 39.3268,
28.1526

■ 13.0592, 7.4771,
18.5308

■ 32.4520, 44.8061,
29.4854

■ 12.6246, 6.7202,
18.0396

■ 35.5024, 50.7764,
30.9047

■ 12.3193, 6.2205,
17.5957

■ 38.8049, 57.2495,
32.4124

■ 12.1051, 5.9017,
17.1864

■ 42.3654, 64.2369,
34.0106

Harmonies

Analogous

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



18.5515, 18.8441, 24.2126



19.0941, 18.8441, 22.7096



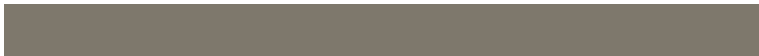
19.3189, 18.8441, 20.6942

Triad

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



19.0941, 18.8441, 22.7096



17.9721, 18.8441, 16.8322



16.7187, 18.8441, 22.3857

Complementary

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



19.0941, 18.8441, 22.7096



18.3260, 20.5287, 20.1370

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.



16.5727, 18.8441, 20.3429



19.0941, 18.8441, 22.7096



17.2849, 18.8441, 17.2198

Square

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



19.0941, 18.8441, 22.7096



18.6605, 18.8441, 17.3765



16.7773, 18.8441, 18.4722



17.1814, 18.8441, 24.0170

Rectangle

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



19.0941, 18.8441, 22.7096



19.2540, 18.8441, 19.3609



16.7773, 18.8441, 18.4722



16.6315, 18.8441, 21.7204

Sweetspot

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



19.0946, 18.8449, 22.7100



35.1982, 36.2195, 40.8756



17.7183, 18.1278, 22.9874



8.1901, 8.3822, 9.5418



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.



19.0946, 18.8449, 22.7100



33.1715, 32.3195, 39.7273



18.7510, 18.7075, 20.9006



4.4818, 4.4059, 5.3419



11.9743, 5.8094, 16.9863



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.0946, 18.8449, 22.7100



33.1715, 32.3195, 39.7273



18.6572, 20.6611, 21.8811



4.4818, 4.4059, 5.3419



11.9743, 5.8094, 16.9863



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.0941, 18.8441, 22.7096 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 19.0941, 18.8441, 22.7096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

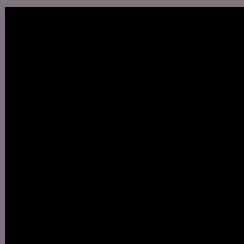
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0941, 18.8441, 22.7096

Background



This preview shows how black text looks on a background with the XYZ color 19.0941, 18.8441, 22.7096.



This preview shows how white text looks on a background with the XYZ color 19.0941, 18.8441,

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

19.0941, 18.8441, 22.7096

Protanopia

18.4246, 19.0110, 23.4673

Deuteranopia

19.2453, 18.9220, 22.7166



Tritanopia

19.0293, 18.8181, 22.3680

Trichromacy



Original Color

19.0941, 18.8441, 22.7096

Protanomaly

18.6615, 18.9631, 23.0988

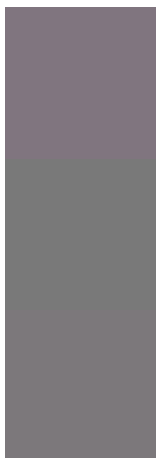
Deuteranomaly

19.2453, 18.9220, 22.7166

Tritanomaly

19.0293, 18.8181, 22.3680

Monochromacy



Original Color

19.0941, 18.8441, 22.7096

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.6038, 19.1481, 21.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0941, 18.8441, 22.7096 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, 117, 127)` looks like.

```
.text, #text, p{  
    color:rgb(128, 117, 127)  
}
```

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, 117, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 117, 127) }
```

Border

The CSS property to change the border of an element to XYZ 19.0941, 18.8441, 22.7096 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, 117, 127) }
```


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

```
.border{ border-color:rgb(128, 117, 127) }
```

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

Here you see how a box with a 4 pixel rgb(128, 117, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 117, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 117, 127);  
box-shadow:4px 4px 4px 4px rgb(128, 117,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0941, 18.8441, 22.7096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 117, 127) }
```

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

```
.background{ background-color: rgb(128,  
117, 127) }
```

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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