

Converting Colors

XYZ(18.8543, 19.9839, 22.8505)

Have a look what the booklet for
XYZ(18.8543, 19.9839, 22.8505)
contains.

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Color

**XYZ(18.9236, 20.0126,
22.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	797C7F
RGB	121, 124, 127
RGB Percent	47%, 49%, 50%
CMY	0.5255, 0.5137, 0.5020
CMYK	0.05, 0.02, 0.00, 0.50
HSL	210°, 2%, 49%
HSV	210°, 5%, 50%
XYZ	18.9236, 20.0126, 22.9441
YIQ	123.4450, -2.7510, 0.2970

Conversions

Conversions Part 2

Format	Color
R_{YB}	121, 123, 127
Decimal	7961727
CIE Lab	51.85, -0.50, -2.03
CIE LCh	52, 2.091, 256.106
Yxy	20.0126, 0.3058, 0.3234
Android (android.graphics.Color)	4286151807 (0xFF797C7F)
YUV	123.4450, 1.7526, -2.1443
Hunter-Lab	44.7354, -2.7795, 0.9059

Details

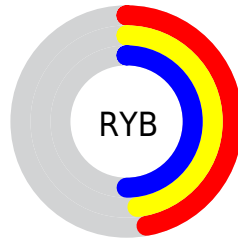
The XYZ color **18.9236, 20.0126, 22.9441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4113, 20.3076, 20.9862**, and the grayscale version is **18.9693, 19.9572, 21.7334**.

A 20% lighter version of the original color is **40.9971, 43.2302, 49.3635**, and **6.6389, 6.9987, 8.2087** is the 20% darker color. If you saturate the color by 10%, you get **16.4900, 17.6158, 22.6100**, and if you desaturate by 10%, it is **21.6438, 22.6343, 23.3071**.

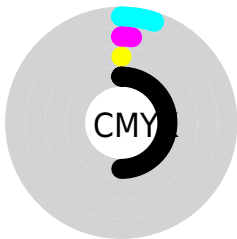
Distribution



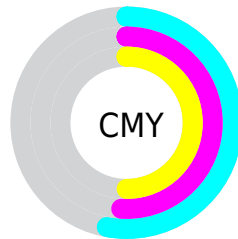
- Red (47%)
- Green (49%)
- Blue (50%)



- Red (47%)
- Yellow (48%)
- Blue (50%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9236, 20.0126, 22.9441 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 18.9236, 20.0126, 22.9441 by changing the saturation by 10% instead.

■ 18.9236, 20.0126,
22.9441

■ 18.9236, 20.0126,
22.9441

238.9729,
251.9833, 280.5504

■ 11.7188, 12.4042,
14.3473

■ 41.1228, 43.4383,
49.2236

■ 6.6233, 7.0196,
8.2211

■ 56.8479, 60.0244,
67.7433

■ 3.2719, 3.4744,
4.1470

■ 76.1439, 80.3719,
90.4078

■ 1.2991, 1.3841,
1.7063

99.3759, 104.8651,
117.6356

■ 0.1826, 0.2050,
0.3651

126.9095,
133.8884, 149.8452

■ 0.0000, 0.0000,
0.0000

159.1100,

167.8263, 187.4552

196.3426,
207.0632, 230.8840

■ 18.9236, 20.0126,
22.9441

■ 18.9236, 20.0126,
22.9441

■ 16.4900, 17.6158,
22.6100

■ 21.6438, 22.6343,
23.3071

■ 14.3314, 15.4347,
22.3028

■ 24.6585, 25.4846,
23.6983

■ 12.4376, 13.4633,
22.0221

■ 27.9773, 28.5703,
24.1190

■ 10.7972, 11.6941,
21.7671

■ 31.6089, 31.8973,
24.5698

■ 9.3980, 10.1193,
21.5369

■ 35.5615, 35.4711,
25.0513

■ 8.2266, 8.7303,
21.3305

■ 39.8432, 39.2970,
25.5641

■ 7.2680, 7.5179,
21.1470

■ 44.4616, 43.3803,
26.1088

■ 6.5056, 6.4716,
20.9852

■ 49.4241, 47.7260,
26.6861

■ 5.9156, 5.5774,
20.8437

■ 54.7380, 52.3389,
27.2964

Harmonies

Analogous

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



18.7400, 20.0126, 22.6430



18.9236, 20.0126, 22.9441



19.1348, 20.0126, 22.9320

Triad

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



18.9236, 20.0126, 22.9441



19.4160, 20.0126, 21.4678



18.7289, 20.0126, 20.9904

Complementary

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



18.9236, 20.0126, 22.9441



19.4113, 20.3076, 20.9862

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.



18.9084, 20.0126, 20.6872



18.9236, 20.0126, 22.9441



19.3056, 20.0126, 20.9593

Square

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



18.9236, 20.0126, 22.9441



19.4201, 20.0126, 22.0720



19.1195, 20.0126, 20.6759



18.6282, 20.0126, 21.5110

Rectangle

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



18.9236, 20.0126, 22.9441



19.2628, 20.0126, 22.7478



19.1195, 20.0126, 20.6759



18.7820, 20.0126, 20.8601

Sweetspot

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



18.9242, 20.0135, 22.9445



35.6300, 37.5285, 41.3221



19.1066, 20.6967, 22.0238



8.3501, 8.7943, 9.6757



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.



18.9242, 20.0135, 22.9445



33.2393, 35.2058, 40.9998



18.5658, 19.2967, 22.8251



4.4357, 4.6993, 5.4865



5.6854, 5.1894, 20.9519



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.2283, 19.6424, 21.8478



33.9430, 34.3570, 38.4597



19.7804, 21.0457, 21.1092



4.5333, 4.5817, 5.1342



9.7467, 4.9184, 5.2559



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.9236, 20.0126, 22.9441 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 18.9236, 20.0126, 22.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

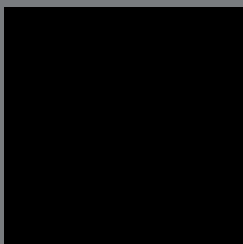
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

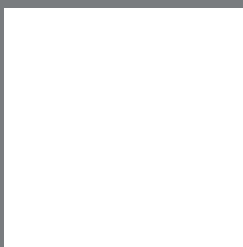
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9236, 20.0126, 22.9441

Background



This preview shows how black text looks on a background with the XYZ color 18.9236, 20.0126, 22.9441.



This preview shows how white text looks on a background with the XYZ color 18.9236, 20.0126,

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

18.9236, 20.0126, 22.9441

Protanopia

19.3063, 20.0322, 22.5877

Deuteranopia

20.4443, 20.0598, 23.2165



Tritanopia

19.3426, 19.9969, 25.0306

Trichromacy



Original Color

18.9236, 20.0126, 22.9441

Protanomaly

19.1610, 19.9574, 22.5809

Deuteranomaly

19.7869, 19.9004, 23.2204

Tritanomaly

19.2057, 19.9422, 24.3097

Monochromacy



Original Color

18.9236, 20.0126, 22.9441

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7471, 19.7587, 21.8945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9236, 20.0126, 22.9441 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(121, 124, 127)` looks like.

```
.text, #text, p{  
    color:rgb(121, 124, 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(121, 124, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 124, 127) }
```

Border

The CSS property to change the border of an element to XYZ 18.9236, 20.0126, 22.9441 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(121, 124, 127) }
```


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

```
.border{ border-color:rgb(121, 124, 127) }
```

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

Here you see how a box with a 4 pixel rgb(121, 124, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 124, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 124, 127);  
box-shadow:4px 4px 4px 4px rgb(121, 124,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9236, 20.0126, 22.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 124, 127) }
```

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

```
.background{ background-color: rgb(121,  
124, 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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