

Converting Colors

XYZ(18.7942, 21.4792, 22.4446)

Have a look what the booklet for
XYZ(18.7942, 21.4792, 22.4446)
contains.

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Color

**XYZ(18.8924, 21.5606,
22.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	72847D
RGB	114, 132, 125
RGB Percent	45%, 52%, 49%
CMY	0.5529, 0.4823, 0.5098
CMYK	0.14, 0.00, 0.05, 0.48
HSL	157°, 7%, 48%
HSV	157°, 14%, 52%
XYZ	18.8924, 21.5606, 22.5679
YIQ	125.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

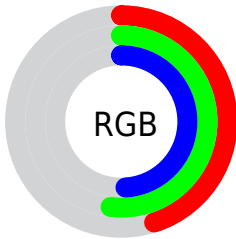
Format	Color
R_{YB}	114, 125, 132
Decimal	7505021
CIE Lab	53.56, -8.02, 1.57
CIE LCh	54, 8.168, 168.944
Yxy	21.5606, 0.2998, 0.3421
Android (android.graphics.Color)	4285695101 (0xFF72847D)
YUV	125.8200, -0.4043, -10.3661
Hunter-Lab	46.4334, -8.6320, 3.6868

Details

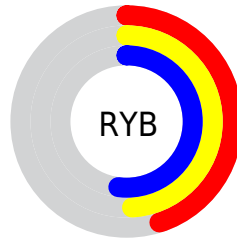
The XYZ color **18.8924, 21.5606, 22.5679** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.9850, 18.3213, 20.6260**, and the grayscale version is **19.7740, 20.8037, 22.6553**.

A 20% lighter version of the original color is **41.1107, 46.0193, 48.8353**, and **6.6445, 7.8666, 8.0057** is the 20% darker color. If you saturate the color by 10%, you get **16.9783, 20.6114, 20.8104**, and if you desaturate by 10%, it is **21.0725, 22.6462, 24.4273**.

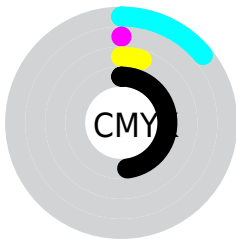
Distribution



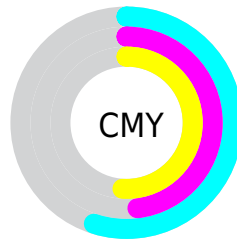
- Red (45%)
- Green (52%)
- Blue (49%)



- Red (45%)
- Yellow (49%)
- Blue (52%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (55%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8924, 21.5606, 22.5679 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 18.8924, 21.5606, 22.5679 by changing the saturation by 10% instead.

■ 18.8924, 21.5606,
22.5679

■ 18.8924, 21.5606,
22.5679

238.8036,
260.2429, 278.5474

■ 11.6961, 13.5344,
14.0725

■ 41.0705, 46.0187,
48.5970

■ 6.6078, 7.7976,
8.0318

■ 56.7830, 63.2193,
66.9678

■ 3.2622, 3.9657,
4.0272

■ 76.0649, 84.2470,
89.4674

■ 1.2939, 1.6544,
1.6403

■ 99.2816, 109.4859,
116.5144

■ 0.1786, 0.3939,
0.3193

126.7985,
139.3206, 148.5274

■ 0.0000, 0.0000,
0.0000

158.9809,

174.1354, 185.9249

196.1942,
214.3147, 229.1254

■ 18.8924, 21.5606,
22.5679

■ 18.8924, 21.5606,
22.5679

■ 16.9783, 20.6114,
20.8104

■ 21.0725, 22.6462,
24.4273

■ 15.3176, 19.7902,
19.1515

■ 23.5270, 23.8706,
26.3889

■ 13.8992, 19.0921,
17.5898

■ 26.2660, 25.2398,
28.4549

■ 12.7108, 18.5107,
16.1234

■ 29.2988, 26.7583,
30.6270

■ 11.7385, 18.0388,
14.7501

■ 32.6341, 28.4307,
32.9069

■ 10.9671, 17.6688,
13.4678

■ 36.2803, 30.2613,
35.2960

■ 10.3795, 17.3916,
12.2742

■ 40.2453, 32.2541,
37.7959

■ 9.9541, 17.1964,
11.1668

■ 44.5370, 34.4132,
40.4083

■ 9.7241, 17.0923,
10.5042

■ 49.1628, 36.7423,
43.1344

Harmonies

Analogous

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



19.2554, 21.5606, 20.4641



18.8924, 21.5606, 22.5679



18.9489, 21.5606, 25.0678

Triad

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



18.8924, 21.5606, 22.5679



21.0413, 21.5606, 28.3115



21.6126, 21.5606, 20.0412

Complementary

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



18.8924, 21.5606, 22.5679



18.9850, 18.3213, 20.6260

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.



22.1181, 21.5606, 21.9527



18.8924, 21.5606, 22.5679



21.7819, 21.5606, 26.7695

Square

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



18.8924, 21.5606, 22.5679



20.1732, 21.5606, 28.5055



22.1809, 21.5606, 24.4078



20.8156, 21.5606, 19.0756

Rectangle

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



18.8924, 21.5606, 22.5679



19.2174, 21.5606, 26.6219



22.1809, 21.5606, 24.4078



21.8232, 21.5606, 20.5879

Sweetspot

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



18.8930, 21.5615, 22.5684



36.9335, 39.7977, 42.8747



19.2025, 21.7978, 19.1153



8.5357, 9.2343, 9.9297



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.



18.8930, 21.5615, 22.5684



32.3157, 37.5005, 38.8925



19.1143, 21.2628, 24.9275



4.7269, 5.2490, 5.5730



9.4176, 16.5499, 10.1843



0.0362, 0.0588, 0.0542

Inverse Universe

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



18.9850, 18.3213, 20.6260



32.5067, 30.7787, 34.8636



18.7761, 18.5658, 18.5140



4.7420, 4.7165, 5.2538



9.8020, 4.9852, 3.5298



0.0374, 0.0186, 0.0301

Previews

White Background



This preview shows how the XYZ color 18.8924, 21.5606, 22.5679 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 18.8924, 21.5606, 22.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

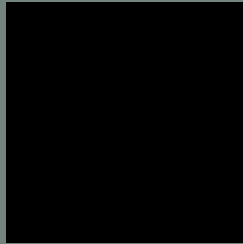
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.8924, 21.5606, 22.5679

Background



This preview shows how black text looks on a background with the XYZ color 18.8924, 21.5606, 22.5679.



This preview shows how white text looks on a background with the XYZ color 18.8924, 21.5606,

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

18.8924, 21.5606, 22.5679

Protanopia

20.4623, 21.4092, 21.4663

Deuteranopia

21.8536, 21.5231, 23.0812



Tritanopia

20.0524, 21.6406, 27.9311

Trichromacy



Original Color

18.8924, 21.5606, 22.5679

Protanomaly

19.8829, 21.4905, 21.8390

Deuteranomaly

20.7153, 21.5104, 22.7988

Tritanomaly

19.6919, 21.6949, 26.0713

Monochromacy



Original Color

18.8924, 21.5606, 22.5679

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.5111, 21.0823, 22.7796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8924, 21.5606, 22.5679 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(114, 132, 125)` looks like.

```
.text, #text, p{  
    color:rgb(114, 132, 125)  
}
```

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(114, 132, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 132, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.8924, 21.5606, 22.5679 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(114, 132, 125) }
```


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

```
.border{ border-color:rgb(114, 132, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 132, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 132, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 132, 125);  
box-shadow:4px 4px 4px 4px rgb(114, 132,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8924, 21.5606, 22.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 132, 125) }
```

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

```
.background{ background-color: rgb(114,  
132, 125) }
```

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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