

Converting Colors

XYZ(19.9690, 19.6694, 22.6026)

Have a look what the booklet for
XYZ(19.9690, 19.6694, 22.6026)
contains.

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Color

**XYZ(19.8784, 19.6055,
22.4752)**

Conversions

Conversions Part 1

Format	Color
Hex	84777E
RGB	132, 119, 126
RGB Percent	52%, 47%, 49%
CMY	0.4824, 0.5333, 0.5059
CMYK	0.00, 0.10, 0.05, 0.48
HSL	328°, 5%, 49%
HSV	328°, 10%, 52%
XYZ	19.8784, 19.6055, 22.4752
YIQ	123.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

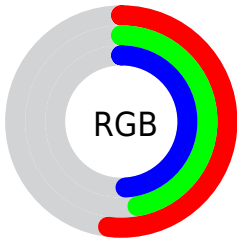
Format	Color
R_{YB}	132, 119, 126
Decimal	8681342
CIE Lab	51.39, 6.32, -2.01
CIE LCh	51, 6.637, 342.356
Yxy	19.6055, 0.3208, 0.3164
Android (android.graphics.Color)	4286871422 (0xFF84777E)
YUV	123.6850, 1.1413, 7.2923
Hunter-Lab	44.2781, 2.6499, 0.8996

Details

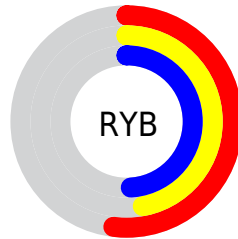
The XYZ color **19.8784, 19.6055, 22.4752** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5614, 21.9056, 22.6002**, and the grayscale version is **19.0489, 20.0409, 21.8245**.

A 20% lighter version of the original color is **42.7072, 42.6948, 48.6378**, and **7.1601, 6.8813, 7.9720** is the 20% darker color. If you saturate the color by 10%, you get **18.0341, 16.5269, 19.9794**, and if you desaturate by 10%, it is **21.9660, 23.1318, 25.1707**.

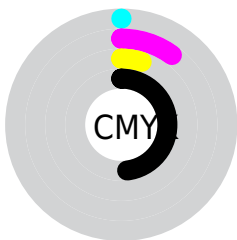
Distribution



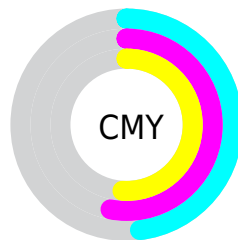
- Red (52%)
- Green (47%)
- Blue (49%)



- Red (52%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8784, 19.6055, 22.4752 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 19.8784, 19.6055, 22.4752 by changing the saturation by 10% instead.

■ 19.8784, 19.6055,
22.4752

■ 19.8784, 19.6055,
22.4752

244.1022,
249.7714, 278.0520

■ 12.4144, 12.1086,
14.0048

■ 42.7187, 42.7548,
48.4424

■ 7.1008, 6.8177,
7.9852

■ 58.8258, 59.1760,
66.7763

■ 3.5721, 3.3483,
3.9979

■ 78.5446, 79.3407,
89.2351

■ 1.4630, 1.3162,
1.6242

102.2405,
103.6334, 116.2374

■ 0.3005, 0.1537,
0.3080

130.2788,
132.4384, 148.2017

■ 0.0000, 0.0000,
0.0000

163.0250,

166.1401, 185.5465

200.8443,
205.1230, 228.6904

■ 19.8784, 19.6055,
22.4752

■ 19.8784, 19.6055,
22.4752

■ 18.0341, 16.5269,
19.9794

■ 21.9660, 23.1318,
25.1707

■ 16.4221, 13.8754,
17.6769

■ 24.3040, 27.1202,
28.0697

■ 15.0329, 11.6326,
15.5627

■ 26.9014, 31.5878,
31.1774

■ 13.8558, 9.7777,
13.6308

■ 29.7661, 36.5499,
34.4983

■ 12.8790, 8.2880,
11.8753

■ 32.9059, 42.0211,
38.0369

■ 12.0897, 7.1386,
10.2893

■ 36.3280, 48.0154,
41.7974

■ 11.4735, 6.3013,
8.8658

■ 40.0394, 54.5465,
45.7841

■ 11.0135, 5.7433,
7.5965

■ 44.0470, 61.6271,
50.0010

■ 10.6605, 5.3670,
6.4625

■ 48.3573, 69.2700,
54.4519

Harmonies

Analogous

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



19.5083, 19.6055, 24.1661



19.8784, 19.6055, 22.4752



19.9103, 19.6055, 20.5738

Triad

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



19.8784, 19.6055, 22.4752



18.3624, 19.6055, 17.9692



17.7064, 19.6055, 23.9078

Complementary

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



19.8784, 19.6055, 22.4752



19.5614, 21.9056, 22.6002

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.



17.4143, 19.6055, 22.1395



19.8784, 19.6055, 22.4752



17.7870, 19.6055, 18.7562

Square

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



19.8784, 19.6055, 22.4752



19.0243, 19.6055, 18.0472



17.4435, 19.6055, 20.2573



18.2499, 19.6055, 25.0264

Rectangle

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



19.8784, 19.6055, 22.4752



19.7344, 19.6055, 19.4485



17.4435, 19.6055, 20.2573



17.5761, 19.6055, 23.3653

Sweetspot

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



19.8790, 19.6064, 22.4756



37.4612, 38.6587, 42.7701



19.1979, 19.2092, 24.5259



8.6572, 8.8914, 9.8749



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.



19.8790, 19.6064, 22.4756



34.1910, 33.1519, 38.4939



19.4821, 19.4476, 20.3860



4.7696, 4.7275, 5.3989



10.3196, 5.1922, 6.2556



0.0394, 0.0195, 0.0411

Inverse Universe

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



19.8790, 19.6064, 22.4756



34.1910, 33.1519, 38.4939



19.9801, 22.0731, 24.8050



4.7696, 4.7275, 5.3989



10.3196, 5.1922, 6.2556



0.0394, 0.0195, 0.0411

Previews

White Background



This preview shows how the XYZ color 19.8784, 19.6055, 22.4752 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 19.8784, 19.6055, 22.4752 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 19.8784, 19.6055, 22.4752

Background



This preview shows how black text looks on a background with the XYZ color 19.8784, 19.6055, 22.4752.



This preview shows how white text looks on a background with the XYZ color 19.8784, 19.6055,

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

19.8784, 19.6055, 22.4752

Protanopia

19.0242, 19.6885, 23.2197

Deuteranopia

20.0356, 19.6866, 22.4826



Tritanopia

20.0088, 19.6577, 23.1618

Trichromacy



Original Color

19.8784, 19.6055, 22.4752

Protanomaly

19.2723, 19.6427, 22.8543

Deuteranomaly

20.0356, 19.6866, 22.4826

Tritanomaly

19.9433, 19.6315, 22.8168

Monochromacy



Original Color

19.8784, 19.6055, 22.4752

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4136, 19.9118, 22.2222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8784, 19.6055, 22.4752 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(132, 119, 126)` looks like.

```
.text, #text, p{  
    color:rgb(132, 119, 126)  
}
```

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(132, 119, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 119, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.8784, 19.6055, 22.4752 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(132, 119, 126) }
```


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

```
.border{ border-color:rgb(132, 119, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 119, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 119, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 119, 126);  
box-shadow:4px 4px 4px 4px rgb(132, 119,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8784, 19.6055, 22.4752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 119, 126) }
```

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

```
.background{ background-color: rgb(132,  
119, 126) }
```

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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