

Converting Colors

XYZ(19.4569, 18.2960, 22.2361)

Have a look what the booklet for
XYZ(19.4569, 18.2960, 22.2361)
contains.

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Color

**XYZ(19.5025, 18.3849,
22.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	86717E
RGB	134, 113, 126
RGB Percent	53%, 44%, 49%
CMY	0.4745, 0.5569, 0.5059
CMYK	0.00, 0.16, 0.06, 0.47
HSL	323°, 9%, 48%
HSV	323°, 16%, 53%
XYZ	19.5025, 18.3849, 22.2594
YIQ	120.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

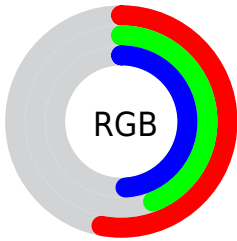
Format	Color
R_{YB}	134, 113, 126
Decimal	8810878
CIE _{Lab}	49.96, 10.60, -4.10
CIE _{LCh}	50, 11.363, 338.876
Yxy	18.3849, 0.3242, 0.3057
Android (android.graphics.Color)	4287000958 (0xFF86717E)
YUV	120.7610, 2.5828, 11.6106
Hunter-Lab	42.8776, 6.1533, -0.7654

Details

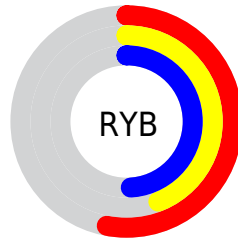
The XYZ color **19.5025, 18.3849, 22.2594** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7870, 21.9418, 21.3351**, and the grayscale version is **18.0873, 19.0292, 20.7229**.

A 20% lighter version of the original color is **42.0853, 40.7297, 48.2913**, and **6.8860, 6.2012, 7.8552** is the 20% darker color. If you saturate the color by 10%, you get **17.7956, 15.4847, 20.1065**, and if you desaturate by 10%, it is **21.4481, 21.7350, 24.5753**.

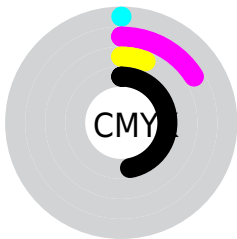
Distribution



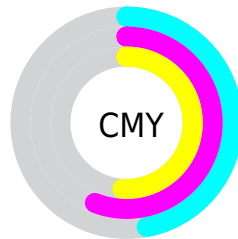
- Red (53%)
- Green (44%)
- Blue (49%)



- Red (53%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5025, 18.3849, 22.2594 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 19.5025, 18.3849, 22.2594 by changing the saturation by 10% instead.

■ 19.5025, 18.3849,
22.2594

■ 19.5025, 18.3849,
22.2594

242.0942,
243.0317, 276.8955

■ 12.1401, 11.2267,
13.8475

■ 42.0918, 40.6921,
48.0820

■ 6.9120, 6.2195,
7.8771

■ 58.0495, 56.6099,
66.3298

■ 3.4530, 2.9790,
3.9298

■ 77.6029, 76.2163,
88.6933

■ 1.3976, 1.1208,
1.5869

■ 101.1175, 99.8957,
115.5911

■ 0.2545, 0.0000,
0.2814

128.9585,
128.0326, 147.4417

■ 0.0000, 0.0000,
0.0000

161.4914,

161.0113, 184.6636

199.0815,
199.2162, 227.6753

■ 19.5025, 18.3849,
22.2594

■ 19.5025, 18.3849,
22.2594

■ 17.7956, 15.4847,
20.1065

■ 21.4481, 21.7350,
24.5753

■ 16.3158, 13.0125,
18.1108

■ 23.6399, 25.5507,
27.0572

■ 15.0531, 10.9484,
16.2680

■ 26.0875, 29.8500,
29.7097

■ 13.9961, 9.2698,
14.5729

■ 28.7990, 34.6492,
32.5366

■ 13.1320, 7.9519,
13.0200

■ 31.7824, 39.9638,
35.5419

■ 12.4469, 6.9671,
11.6034

■ 35.0454, 45.8087,
38.7290

■ 11.9246, 6.2837,
10.3162

■ 38.5952, 52.1982,
42.1015

■ 11.5406, 5.8527,
9.1488

■ 42.4388, 59.1459,
45.6628

■ 11.3909, 5.6921,
8.6713

■ 46.5832, 66.6652,
49.4163

Harmonies

Analogous

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



18.8226, 18.3849, 25.0623



19.5025, 18.3849, 22.2594



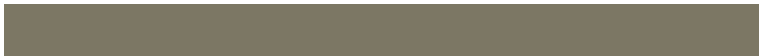
19.6273, 18.3849, 19.1064

Triad

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



19.5025, 18.3849, 22.2594



17.1530, 18.3849, 14.6553



15.8934, 18.3849, 24.0253

Complementary

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



19.5025, 18.3849, 22.2594



18.7870, 21.9418, 21.3351

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.



15.4848, 18.3849, 20.9582



19.5025, 18.3849, 22.2594



16.1920, 18.3849, 15.7005

Square

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



19.5025, 18.3849, 22.2594



18.2403, 18.3849, 14.9262



15.5918, 18.3849, 17.9324



16.7300, 18.3849, 26.1533

Rectangle

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



19.5025, 18.3849, 22.2594



19.3740, 18.3849, 17.2579



15.5918, 18.3849, 17.9324



15.7030, 18.3849, 23.0579

Sweetspot

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



19.5030, 18.3857, 22.2598



37.9935, 38.6488, 43.5357



18.0521, 17.5757, 24.9955



8.5106, 8.6224, 9.7515



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.



19.5030, 18.3857, 22.2598



33.1863, 30.3869, 37.7641



18.8780, 18.1357, 18.9685



4.7847, 4.7335, 5.4783



10.6802, 5.3364, 8.1542



0.0406, 0.0199, 0.0470

Inverse Universe

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



19.5030, 18.3857, 22.2598



33.1863, 30.3869, 37.7641



19.4460, 22.2054, 24.8054



4.7847, 4.7335, 5.4783



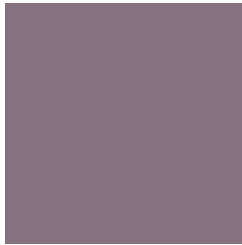
10.6802, 5.3364, 8.1542



0.0406, 0.0199, 0.0470

Previews

White Background



This preview shows how the XYZ color 19.5025, 18.3849, 22.2594 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 19.5025, 18.3849, 22.2594 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 19.5025, 18.3849, 22.2594

Background



This preview shows how black text looks on a background with the XYZ color 19.5025, 18.3849, 22.2594.



This preview shows how white text looks on a background with the XYZ color 19.5025, 18.3849,

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

19.5025, 18.3849, 22.2594

Protanopia

17.9121, 18.3934, 23.3751

Deuteranopia

18.7987, 18.3570, 22.2911



Tritanopia

19.3617, 18.5081, 20.9643

Trichromacy



Original Color

19.5025, 18.3849, 22.2594

Protanomaly

18.4539, 18.3344, 22.9883

Deuteranomaly

18.9891, 18.2868, 22.2675

Tritanomaly

19.4240, 18.5330, 21.2924

Monochromacy



Original Color

19.5025, 18.3849, 22.2594

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.6578, 18.8225, 21.3886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5025, 18.3849, 22.2594 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(134, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(134, 113, 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(134, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 113, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.5025, 18.3849, 22.2594 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(134, 113, 126) }
```


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

```
.border{ border-color:rgb(134, 113, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(134, 113,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5025, 18.3849, 22.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 113, 126) }
```

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

```
.background{ background-color: rgb(134,  
113, 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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