

Converting Colors

XYZ(21.4758, 18.2006, 21.9696)

Have a look what the booklet for
XYZ(21.4758, 18.2006, 21.9696)
contains.

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Color

**XYZ(21.3951, 18.0935,
22.1034)**

Conversions

Conversions Part 1

Format	Color
Hex	96697E
RGB	150, 105, 126
RGB Percent	59%, 41%, 49%
CMY	0.4118, 0.5882, 0.5059
CMYK	0.00, 0.30, 0.16, 0.41
HSL	332°, 18%, 50%
HSV	332°, 30%, 59%
XYZ	21.3951, 18.0935, 22.1034
YIQ	120.8490, 20.0790, 16.0710

Conversions

Conversions Part 2

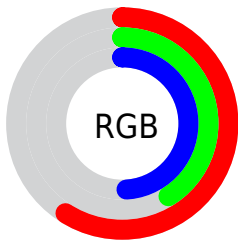
Format	Color
RYB	150, 105, 126
Decimal	9857406
CIELab	49.61, 21.36, -4.42
CIELCh	50, 21.810, 348.298
Yxy	18.0935, 0.3474, 0.2938
Android (android.graphics.Color)	4288047486 (0xFF96697E)
YUV	120.8490, 2.5394, 25.5654
Hunter-Lab	42.5365, 15.3436, -1.0336

Details

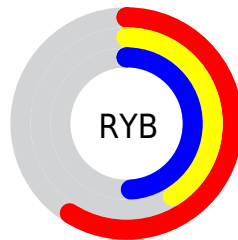
The XYZ color **21.3951, 18.0935, 22.1034** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6952, 26.4013, 24.7752**, and the grayscale version is **18.1132, 19.0564, 20.7525**.

A 20% lighter version of the original color is **45.3705, 40.3478, 48.0444**, and **7.8397, 6.0587, 7.7774** is the 20% darker color. If you saturate the color by 10%, you get **19.5042, 15.1050, 19.0272**, and if you desaturate by 10%, it is **23.5978, 21.6391, 25.4877**.

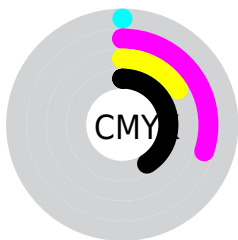
Distribution



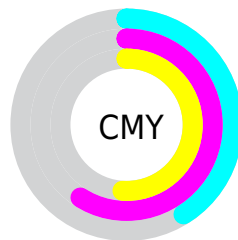
- Red (59%)
- Green (41%)
- Blue (49%)



- Red (59%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (41%)



- Cyan (41%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3951, 18.0935, 22.1034 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 21.3951, 18.0935, 22.1034 by changing the saturation by 10% instead.

■ 21.3951, 18.0935,
22.1034

■ 21.3951, 18.0935,
22.1034

252.0630,
241.3975, 276.0569

■ 13.5272, 11.0171,
13.7339

■ 45.2305, 40.1966,
47.8212

■ 7.8721, 6.0784,
7.7992

■ 61.9287, 55.9921,
66.0066

■ 4.0643, 2.8928,
3.8808

■ 82.3011, 75.4628,
88.3009

■ 1.7386, 1.0760,
1.5602

■ 106.7131, 98.9930,
115.1228

■ 0.4802, 0.0000,
0.2622

135.5298,
126.9672, 146.8909

■ 0.0000, 0.0000,
0.0000

169.1169,

159.7698, 184.0235

207.8395,
197.7851, 226.9393

■ 21.3951, 18.0935,
22.1034

■ 21.3951, 18.0935,
22.1034

■ 19.5042, 15.1050,
19.0272

■ 23.5978, 21.6391,
25.4877

■ 17.9085, 12.6425,
16.2481

■ 26.1248, 25.7661,
29.1883

■ 16.5920, 10.6754,
13.7562


■ 28.9899, 30.5000,
33.2142


■ 15.5366, 9.1692,
11.5403


■ 32.2053, 35.8644,
37.5741


■ 14.7217, 8.0846,
9.5883


■ 35.7830, 41.8814,
42.2759


 14.1237, 7.3758,
7.8866

 39.7340, 48.5721,
47.3274

 13.6832, 6.9263,
6.4096

 44.0692, 55.9567,
52.7362

 13.6831, 6.9262,
6.4093

 48.7988, 64.0545,
58.5096

 53.9326, 72.8840,
64.6546

Harmonies

Analogous

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



20.3423, 18.0935, 28.2952



21.3951, 18.0935, 22.1034



21.2583, 18.0935, 16.3353

Triad

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



21.3951, 18.0935, 22.1034



15.9781, 18.0935, 10.7415



14.6839, 18.0935, 29.4920

Complementary

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



21.3951, 18.0935, 22.1034



20.6952, 26.4013, 24.7752

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.



13.6895, 18.0935, 23.4993



21.3951, 18.0935, 22.1034



14.3944, 18.0935, 13.0509

Square

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



21.3951, 18.0935, 22.1034



18.0170, 18.0935, 10.5166



13.5880, 18.0935, 17.4788



16.4029, 18.0935, 33.0982

Rectangle

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



21.3951, 18.0935, 22.1034



20.5127, 18.0935, 13.4488



13.5880, 18.0935, 17.4788



14.2599, 18.0935, 27.6404

Sweetspot

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



21.3956, 18.0943, 22.1038



46.4964, 46.1157, 52.0717



19.6105, 16.9732, 31.0969



10.1638, 9.9891, 11.3386



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.3956, 18.0943, 22.1038



35.4592, 28.2865, 35.3052



20.3338, 17.9162, 15.7520



5.9067, 5.8577, 6.6146



11.3644, 5.7508, 5.3998



0.1538, 0.0763, 0.1433

Inverse Universe

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



21.3956, 18.0943, 22.1038



35.4592, 28.2865, 35.3052



21.9997, 26.5426, 32.8180



5.9067, 5.8577, 6.6146



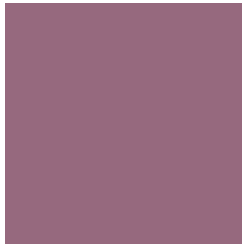
11.3644, 5.7508, 5.3998



0.1538, 0.0763, 0.1433

Previews

White Background



This preview shows how the XYZ color 21.3951, 18.0935, 22.1034 looks on a white background.

Color Contrast Check

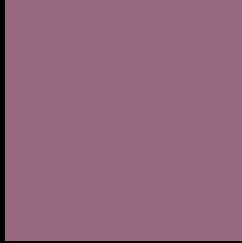
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.3951, 18.0935, 22.1034 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 21.3951, 18.0935, 22.1034

Background



This preview shows how black text looks on a background with the XYZ color 21.3951, 18.0935, 22.1034.



This preview shows how white text looks on a background with the XYZ color 21.3951, 18.0935,

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

21.3951, 18.0935, 22.1034

Protanopia

17.8668, 18.1568, 25.1172

Deuteranopia

18.5212, 18.2287, 21.6111



Tritanopia

20.7466, 18.1428, 18.6281

Trichromacy



Original Color

21.3951, 18.0935, 22.1034

Protanomaly

18.9039, 18.0381, 23.9581

Deuteranomaly

19.3778, 18.0004, 21.8551

Tritanomaly

20.8782, 18.0295, 19.8324

Monochromacy



Original Color

21.3951, 18.0935, 22.1034

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.2216, 18.5971, 21.3154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3951, 18.0935, 22.1034 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(150, 105, 126)` looks like.

```
.text, #text, p{  
    color:rgb(150, 105, 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(150, 105, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 105, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.3951, 18.0935, 22.1034 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(150, 105, 126) }
```


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

```
.border{ border-color:rgb(150, 105, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 105, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 105, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 105, 126);  
box-shadow:4px 4px 4px 4px rgb(150, 105,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3951, 18.0935, 22.1034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 105, 126) }
```

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

```
.background{ background-color: rgb(150,  
105, 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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