

Converting Colors

XYZ(22.5491, 21.5195, 31.3558)

Have a look what the booklet for
XYZ(22.5491, 21.5195, 31.3558)
contains.

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Color

**XYZ(22.4994, 21.4867,
31.3953)**

Conversions

Conversions Part 1

Format	Color
Hex	877B95
RGB	135, 123, 149
RGB Percent	53%, 48%, 58%
CMY	0.4706, 0.5176, 0.4157
CMYK	0.09, 0.17, 0.00, 0.42
HSL	268°, 11%, 53%
HSV	268°, 17%, 58%
XYZ	22.4994, 21.4867, 31.3953
YIQ	129.5520, -1.1940, 10.6300

Conversions

Conversions Part 2

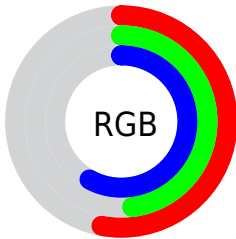
Format	Color
R_{YB}	135, 123, 149
Decimal	8878997
CIE _{Lab}	53.48, 9.83, -12.34
CIE _{LCh}	53, 15.774, 308.531
Yxy	21.4867, 0.2985, 0.2850
Android (android.graphics.Color)	4287069077 (0xFF877B95)
YUV	129.5520, 9.5879, 4.7779
Hunter-Lab	46.3537, 5.5221, -7.7094

Details

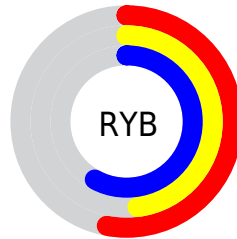
The XYZ color **22.4994, 21.4867, 31.3953** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.6399, 28.2439, 22.8928**, and the grayscale version is **21.0282, 22.1233, 24.0922**.

A 20% lighter version of the original color is **46.8485, 45.6631, 62.8446**, and **8.3997, 7.7107, 12.6009** is the 20% darker color. If you saturate the color by 10%, you get **19.5473, 17.4271, 30.7676**, and if you desaturate by 10%, it is **25.8314, 26.1610, 32.1222**.

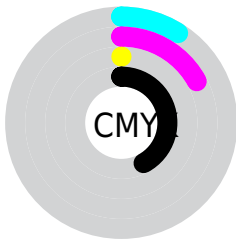
Distribution



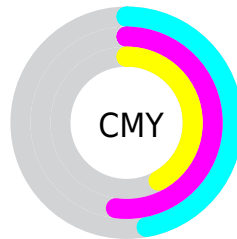
- Red (53%)
- Green (48%)
- Blue (58%)



- Red (53%)
- Yellow (48%)
- Blue (58%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (42%)



- Cyan (47%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4994, 21.4867, 31.3953 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 22.4994, 21.4867, 31.3953 by changing the saturation by 10% instead.

■ 22.4994, 21.4867,
31.3953

■ 22.4994, 21.4867,
31.3953

257.7269,
259.8538, 322.7628

■ 14.3430, 13.4802,
20.6391

■ 47.0428, 45.8961,
62.9488

■ 8.4429, 7.7601,
12.6718

■ 64.1604, 63.0679,
84.5830

■ 4.4338, 3.9418,
7.0748

■ 84.9958, 84.0635,
110.6804

■ 1.9504, 1.6411,
3.4298

109.9143,
109.2675, 141.6595

■ 0.6058, 0.3850,
1.3181

139.2814,
139.0641, 177.9387

■ 0.0000, 0.0000,
0.0765

173.4622,

■ 0.0000, 0.0000,

173.8377, 219.9366

0.0000

212.8223,
213.9729, 268.0718

■ 22.4994, 21.4867,
31.3953

■ 22.4994, 21.4867,
31.3953

■ 19.5473, 17.4271,
30.7676

■ 25.8314, 26.1610,
32.1222

■ 16.9584, 13.9530,
30.2335

■ 29.5554, 31.4720,
32.9511

■ 14.7176, 11.0368,
29.7888

■ 33.6852, 37.4441,
33.8862

■ 12.8075, 8.6478,
29.4283

■ 38.2333, 44.0995,
34.9311

■ 11.2096, 6.7518,
29.1465

■ 43.2117, 51.4593,
36.0893

■ 9.9029, 5.3109,
28.9373

■ 48.6319, 59.5438,
37.3641

■ 8.8635, 4.2809,
28.7933

■ 54.5050, 68.3724,
38.7586

■ 8.0509, 3.5850,
28.7018

■ 60.8415, 77.9638,
40.2760

■ 7.8624, 3.4265,
28.6811

■ 66.9770, 86.9863,
41.6941

Harmonies

Analogous

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



20.9050, 21.4867, 33.7769



22.4994, 21.4867, 31.3953



23.5752, 21.4867, 26.9435

Triad

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



22.4994, 21.4867, 31.3953



21.6264, 21.4867, 15.8055



17.3945, 21.4867, 24.7934

Complementary

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



22.4994, 21.4867, 31.3953



24.6399, 28.2439, 22.8928

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.



17.5641, 21.4867, 20.1733



22.4994, 21.4867, 31.3953



19.9475, 21.4867, 15.3942

Square

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



22.4994, 21.4867, 31.3953



23.0523, 21.4867, 18.0975



18.4774, 21.4867, 16.8848



18.0007, 21.4867, 29.6378

Rectangle

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



22.4994, 21.4867, 31.3953



23.8213, 21.4867, 23.6330



18.4774, 21.4867, 16.8848



17.3634, 21.4867, 23.1593

Sweetspot

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



22.5001, 21.4876, 31.3958



47.7612, 48.9782, 57.8577



22.5823, 24.3584, 31.9456



10.4939, 10.7256, 12.8020



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.



22.5001, 21.4876, 31.3958



38.1109, 35.4595, 55.7569



24.6669, 22.6047, 31.4972



5.7386, 5.7562, 7.2783



6.6508, 2.9012, 24.1405



0.1148, 0.0527, 0.2970

Inverse Universe

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



23.9935, 22.3625, 26.7198



41.3444, 37.3546, 45.5977



22.6790, 27.2330, 22.8011



5.9235, 5.8645, 6.7034



11.6728, 5.8742, 7.0240



0.1578, 0.0779, 0.1644

Previews

White Background



This preview shows how the XYZ color 22.4994, 21.4867, 31.3953 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 22.4994, 21.4867, 31.3953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

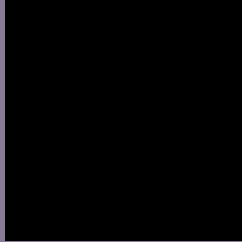
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4994, 21.4867, 31.3953

Background



This preview shows how black text looks on a background with the XYZ color 22.4994, 21.4867, 31.3953.



This preview shows how white text looks on a background with the XYZ color 22.4994, 21.4867,

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

22.4994, 21.4867, 31.3953

Protanopia

21.3437, 21.6241, 32.3271

Deuteranopia

21.9644, 21.5830, 31.4421



Tritanopia

21.3797, 21.4030, 25.9260

Trichromacy



Original Color

22.4994, 21.4867, 31.3953

Protanomaly

21.7183, 21.6357, 31.8856

Deuteranomaly

22.1482, 21.4908, 31.4146

Tritanomaly

21.7728, 21.3771, 27.7896

Monochromacy



Original Color

22.4994, 21.4867, 31.3953

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6204, 21.8904, 26.7527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4994, 21.4867, 31.3953 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(135, 123, 149)` looks like.

```
.text, #text, p{  
    color:rgb(135, 123, 149)  
}
```

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(135, 123, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 123, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.4994, 21.4867, 31.3953 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(135, 123, 149) }
```


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

```
.border{ border-color:rgb(135, 123, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 123, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 123, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 123, 149);  
box-shadow:4px 4px 4px 4px rgb(135, 123,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4994, 21.4867, 31.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 123, 149) }
```

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

```
.background{ background-color: rgb(135,  
123, 149) }
```

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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