

Converting Colors

XYZ(22.9755, 22.6766, 31.5999)

Have a look what the booklet for
XYZ(22.9755, 22.6766, 31.5999)
contains.

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Color

**XYZ(22.9755, 22.6766,
31.5999)**

Conversions

Conversions Part 1

Format	Color
Hex	868095
RGB	134, 128, 149
RGB Percent	53%, 50%, 58%
CMY	0.4745, 0.4980, 0.4157
CMYK	0.10, 0.14, 0.00, 0.42
HSL	257°, 9%, 54%
HSV	257°, 14%, 58%
XYZ	22.9755, 22.6766, 31.5999
YIQ	132.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

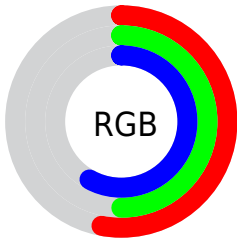
Format	Color
R_{YB}	134, 128, 149
Decimal	8814741
CIE _{Lab}	54.74, 6.56, -10.45
CIE _{LCh}	55, 12.344, 302.122
Yxy	22.6766, 0.2974, 0.2935
Android (android.graphics.Color)	4287004821 (0xFF868095)
YUV	132.1880, 8.2883, 1.5891
Hunter-Lab	47.6200, 2.7871, -6.0100

Details

The XYZ color **22.9755, 22.6766, 31.5999** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9723, 28.8937, 24.6313**, and the grayscale version is **21.9724, 23.1166, 25.1740**.

A 20% lighter version of the original color is **47.7969, 47.9243, 63.2311**, and **8.6567, 8.3586, 12.7124** is the 20% darker color. If you saturate the color by 10%, you get **19.5611, 18.2406, 30.9240**, and if you desaturate by 10%, it is **26.8474, 27.7734, 32.3800**.

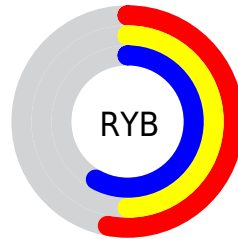
Distribution



Red (53%)

Green (50%)

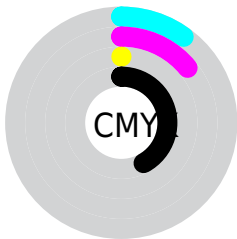
Blue (58%)



Red (53%)

Yellow (50%)

Blue (58%)

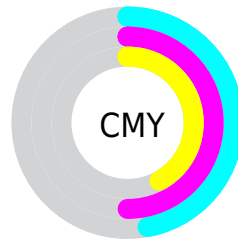


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9755, 22.6766, 31.5999 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 22.9755, 22.6766, 31.5999 by changing the saturation by 10% instead.

■ 22.9755, 22.6766,
31.5999

■ 22.9755, 22.6766,
31.5999

260.1368,
266.0596, 323.7290

■ 14.6960, 14.3549,
20.7938

■ 47.8200, 47.8618,
63.2739

■ 8.6912, 8.3679,
12.7836

■ 65.1158, 65.4940,
84.9789

■ 4.5958, 4.3313,
7.1507

■ 86.1477, 86.9985,
111.1540

■ 2.0444, 1.8605,
3.4767

111.2811,
112.7598, 142.2177

■ 0.6587, 0.5245,
1.3429

140.8814,
143.1621, 178.5884

■ 0.0000, 0.0000,
0.0965

175.3139,

■ 0.0000, 0.0000,

178.5899, 220.6849

0.0000

214.9439,
219.4276, 268.9256

■ 22.9755, 22.6766,
31.5999

■ 22.9755, 22.6766,
31.5999

■ 19.5611, 18.2406,
30.9240

■ 26.8474, 27.7734,
32.3800

■ 16.5848, 14.4351,
30.3463

■ 31.1913, 33.5538,
33.2667

■ 14.0288, 11.2318,
29.8627

■ 36.0235, 40.0432,
34.2646

■ 11.8729, 8.5989,
29.4682

■ 41.3587, 47.2647,
35.3773

■ 10.0957, 6.5019,
29.1571

■ 47.2113, 55.2404,
36.6083

8.6732, 4.9023,
28.9233

53.5949, 63.9914,
37.9610

7.5785, 3.7560,
28.7597

60.5227, 73.5381,
39.4386

6.7799, 3.0103,
28.6579

68.0072, 83.8999,
41.0441

6.4029, 2.6741,
28.6129

73.7526, 90.4792,
42.0112

Harmonies

Analogous

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



21.6505, 22.6766, 32.9659



22.9755, 22.6766, 31.5999



23.9511, 22.6766, 28.3649

Triad

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



22.9755, 22.6766, 31.5999



22.8007, 22.6766, 18.6393



19.0419, 22.6766, 24.9696

Complementary

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



22.9755, 22.6766, 31.5999



25.9723, 28.8937, 24.6313

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.



19.3214, 22.6766, 21.3488



22.9755, 22.6766, 31.5999



21.4566, 22.6766, 17.9314

Square

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



22.9755, 22.6766, 31.5999



23.8473, 22.6766, 20.9154



20.1913, 22.6766, 18.8705



19.4116, 22.6766, 28.8956

Rectangle

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



22.9755, 22.6766, 31.5999



24.2518, 22.6766, 25.7328



20.1913, 22.6766, 18.8705



19.0630, 22.6766, 23.6777

Sweetspot

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



22.9762, 22.6776, 31.6004



48.0879, 49.7488, 57.9892



24.1577, 26.4198, 32.2605



10.5437, 10.8752, 12.8282



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.



22.9762, 22.6776, 31.6004



39.0695, 37.9004, 56.1776



24.7251, 23.5791, 31.6822



5.6459, 5.7084, 7.2740



5.4152, 2.2642, 24.0827



0.0924, 0.0412, 0.2960

Inverse Universe

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



25.0723, 23.8121, 29.2625



43.6088, 40.3587, 51.0530



24.2465, 28.0040, 24.5506



5.9654, 5.8812, 6.9239



12.6536, 6.2665, 12.1887



0.1676, 0.0818, 0.2162

Previews

White Background



This preview shows how the XYZ color 22.9755, 22.6766, 31.5999 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 22.9755, 22.6766, 31.5999 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 22.9755, 22.6766, 31.5999

Background



This preview shows how black text looks on a background with the XYZ color 22.9755, 22.6766, 31.5999.



This preview shows how white text looks on a background with the XYZ color 22.9755, 22.6766,

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

22.9755, 22.6766, 31.5999

Protanopia

22.2400, 22.6793, 32.0595

Deuteranopia

23.1357, 22.7592, 31.6073



Tritanopia

22.2320, 22.7642, 28.0331

Trichromacy



Original Color

22.9755, 22.6766, 31.5999

Protanomaly

22.5612, 22.6483, 32.0366

Deuteranomaly

23.1357, 22.7592, 31.6073

Tritanomaly

22.4810, 22.6702, 29.1775

Monochromacy



Original Color

22.9755, 22.6766, 31.5999

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3766, 23.0541, 27.3153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9755, 22.6766, 31.5999 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, 128, 149) looks like.

```
.text, #text, p{  
    color:rgb(134, 128, 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(134, 128, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 128, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.9755, 22.6766, 31.5999 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, 128, 149) }
```


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

```
.border{ border-color:rgb(134, 128, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 128, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 128, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 128, 149);  
box-shadow:4px 4px 4px 4px rgb(134, 128,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9755, 22.6766, 31.5999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 128, 149) }
```

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

```
.background{ background-color: rgb(134,  
128, 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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