

Converting Colors

XYZ(22.3775, 20.7414, 31.2689)

Have a look what the booklet for
XYZ(22.3775, 20.7414, 31.2689)
contains.

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Color

**XYZ(22.3382, 20.6819,
31.2484)**

Conversions

Conversions Part 1

Format	Color
Hex	897795
RGB	137, 119, 149
RGB Percent	54%, 47%, 58%
CMY	0.4627, 0.5333, 0.4157
CMYK	0.08, 0.20, 0.00, 0.42
HSL	276°, 12%, 53%
HSV	276°, 20%, 58%
XYZ	22.3382, 20.6819, 31.2484
YIQ	127.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

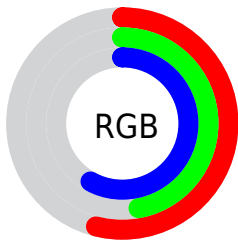
Format	Color
R_{YB}	137, 119, 149
Decimal	9009045
CIE _{Lab}	52.60, 12.87, -13.65
CIE _{LCh}	53, 18.760, 313.326
Yxy	20.6819, 0.3008, 0.2785
Android (android.graphics.Color)	4287199125 (0xFF897795)
YUV	127.8020, 10.4506, 8.0666
Hunter-Lab	45.4774, 8.0927, -8.9052

Details

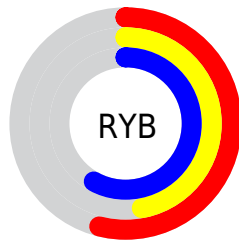
The XYZ color **22.3382, 20.6819, 31.2484** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.4379, 27.6525, 21.5558**, and the grayscale version is **20.4145, 21.4776, 23.3891**.

A 20% lighter version of the original color is **46.8283, 44.5140, 62.6239**, and **8.3883, 7.4146, 12.5443** is the 20% darker color. If you saturate the color by 10%, you get **19.7521, 16.9199, 30.6589**, and if you desaturate by 10%, it is **25.2576, 25.0295, 31.9340**.

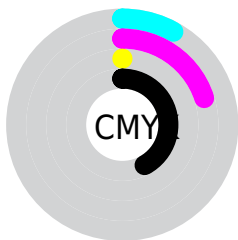
Distribution



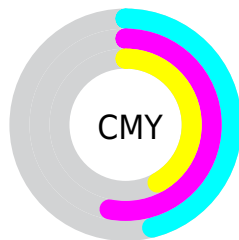
- Red (54%)
- Green (47%)
- Blue (58%)



- Red (54%)
- Yellow (47%)
- Blue (58%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3382, 20.6819, 31.2484 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 22.3382, 20.6819, 31.2484 by changing the saturation by 10% instead.

■ 22.3382, 20.6819,
31.2484

■ 22.3382, 20.6819,
31.2484

256.9067,
255.5831, 322.0676

■ 14.2236, 12.8917,
20.5280

■ 46.7790, 44.5575,
62.7151

■ 8.3591, 7.3540,
12.5916

■ 63.8360, 61.4117,
84.2985

■ 4.3793, 3.6845,
7.0205

■ 84.6045, 82.0560,
110.3400

■ 1.9189, 1.4987,
3.3963

109.4498,
106.8748, 141.2581

■ 0.5878, 0.2878,
1.3004

138.7373,
136.2526, 177.4714

■ 0.0000, 0.0000,
0.0621

172.8324,

■ 0.0000, 0.0000,

170.5736, 219.3984

0.0000

212.1004,
210.2223, 267.4576

■ 22.3382, 20.6819,
31.2484

■ 22.3382, 20.6819,
31.2484

■ 19.7521, 16.9199,
30.6589

■ 25.2576, 25.0295,
31.9340

■ 17.4835, 13.7146,
30.1598

■ 28.5213, 29.9847,
32.7185

■ 15.5184, 11.0386,
29.7468

■ 32.1421, 35.5715,
33.6060

■ 13.8405, 8.8609,
29.4149

■ 36.1316, 41.8119,
34.6002

■ 12.4321, 7.1473,
29.1584

■ 40.5007, 48.7266,
35.7046

■ 11.2731, 5.8592,
28.9708

■ 45.2601, 56.3356,
36.9225

■ 10.3402, 4.9513,
28.8448

■ 50.4197, 64.6581,
38.2569

■ 9.5833, 4.3137,
28.7616

■ 55.9894, 73.7122,
39.7110

■ 61.9786, 83.5157,
41.2876

Harmonies

Analogous

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



20.5326, 20.6819, 34.6384



22.3382, 20.6819, 31.2484



23.4641, 20.6819, 25.7358

Triad

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



22.3382, 20.6819, 31.2484



20.7508, 20.6819, 13.7347



16.2368, 20.6819, 25.0803

Complementary

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



22.3382, 20.6819, 31.2484



23.4379, 27.6525, 21.5558

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.



16.2867, 20.6819, 19.5823



22.3382, 20.6819, 31.2484



18.8077, 20.6819, 13.6185

Square

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



22.3382, 20.6819, 31.2484



22.5070, 20.6819, 15.9377



17.2004, 20.6819, 15.5887



17.0593, 20.6819, 30.7008

Rectangle

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



22.3382, 20.6819, 31.2484



23.6344, 20.6819, 21.9031



17.2004, 20.6819, 15.5887



16.1538, 20.6819, 23.1465

Sweetspot

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



22.3388, 20.6828, 31.2489



47.5016, 48.2503, 57.7309



21.1496, 22.3252, 31.6286



10.4543, 10.5829, 12.7765



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.



22.3388, 20.6828, 31.2489



37.9168, 33.9798, 55.4816



24.1801, 21.6593, 30.1007



5.8131, 5.7946, 7.2818



8.0996, 3.6481, 24.2083



0.1325, 0.0618, 0.2979

Inverse Universe

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



23.0886, 21.2227, 24.3529



39.5485, 35.1492, 40.7248



21.8687, 26.8225, 22.4378



5.8912, 5.8515, 6.5330



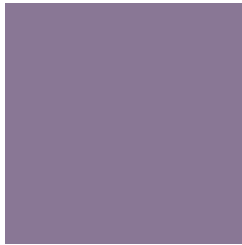
11.1232, 5.6543, 4.1295



0.1500, 0.0748, 0.1237

Previews

White Background



This preview shows how the XYZ color 22.3382, 20.6819, 31.2484 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 22.3382, 20.6819, 31.2484 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 22.3382, 20.6819, 31.2484

Background



This preview shows how black text looks on a background with the XYZ color 22.3382, 20.6819, 31.2484.



This preview shows how white text looks on a background with the XYZ color 22.3382, 20.6819,

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

22.3382, 20.6819, 31.2484

Protanopia

20.5652, 20.6371, 33.0365

Deuteranopia

21.1807, 20.8161, 30.9185



Tritanopia

20.9559, 20.6533, 24.7118

Trichromacy



Original Color

22.3382, 20.6819, 31.2484

Protanomaly

21.2312, 20.6217, 32.5671

Deuteranomaly

21.6649, 20.8825, 30.9058

Tritanomaly

21.4165, 20.6606, 26.9039

Monochromacy



Original Color

22.3382, 20.6819, 31.2484

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1376, 21.2701, 26.2840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3382, 20.6819, 31.2484 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(137, 119, 149)` looks like.

```
.text, #text, p{  
    color:rgb(137, 119, 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(137, 119, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 119, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.3382, 20.6819, 31.2484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

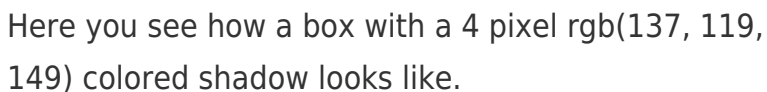
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 119, 149) }
```


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

```
.border{ border-color:rgb(137, 119, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 119, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 119, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 119, 149); box-shadow:4px 4px 4px 4px rgb(137, 119, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3382, 20.6819, 31.2484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 119, 149) }
```

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

```
.background{ background-color: rgb(137,  
119, 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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