

Converting Colors

XYZ(22.2367, 18.8588, 32.6051)

Have a look what the booklet for
XYZ(22.2367, 18.8588, 32.6051)
contains.

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Color

**XYZ(22.2029, 18.8999,
32.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6D99
RGB	141, 109, 153
RGB Percent	55%, 43%, 60%
CMY	0.4471, 0.5725, 0.4000
CMYK	0.08, 0.29, 0.00, 0.40
HSL	284°, 18%, 51%
HSV	284°, 29%, 60%
XYZ	22.2029, 18.8999, 32.6148
YIQ	123.5840, 4.9480, 20.4680

Conversions

Conversions Part 2

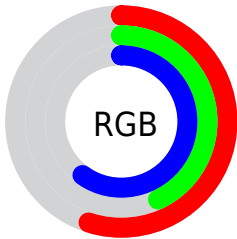
Format	Color
RYB	141, 109, 153
Decimal	9268633
CIELab	50.57, 21.00, -19.04
CIElCh	51, 28.346, 317.794
Yxy	18.8999, 0.3012, 0.2564
Android (android.graphics.Color)	4287458713 (0xFF8D6D99)
YUV	123.5840, 14.5021, 15.2738
Hunter-Lab	43.4740, 15.0834, -14.0484

Details

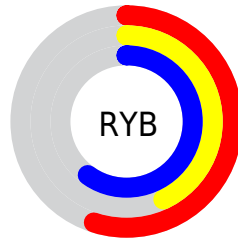
The XYZ color **22.2029, 18.8999, 32.6148** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.0373, 27.9520, 18.7027**, and the grayscale version is **18.9727, 19.9607, 21.7372**.

A 20% lighter version of the original color is **46.5130, 41.5968, 64.6090**, and **8.2835, 6.4705, 13.3827** is the 20% darker color. If you saturate the color by 10%, you get **20.0146, 15.5565, 32.0851**, and if you desaturate by 10%, it is **24.7033, 22.8269, 33.2413**.

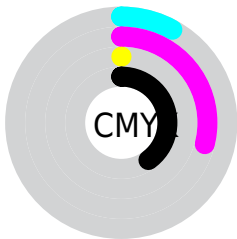
Distribution



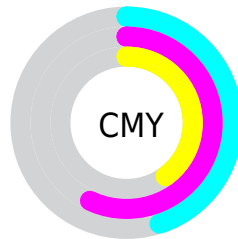
- Red (55%)
- Green (43%)
- Blue (60%)



- Red (55%)
- Yellow (43%)
- Blue (60%)



- Cyan (8%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2029, 18.8999, 32.6148 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 22.2029, 18.8999, 32.6148 by changing the saturation by 10% instead.

■ 22.2029, 18.8999,
32.6148

■ 22.2029, 18.8999,
32.6148

256.2165,
245.8956, 328.4890

■ 14.1235, 11.5980,
21.5628

■ 46.5575, 41.5649,
64.8827

■ 8.2889, 6.4706,
13.3408

■ 63.5634, 57.6967,
86.9358

■ 4.3337, 3.1333,
7.5302

■ 84.2755, 77.5407,
113.4929

■ 1.8926, 1.2017,
3.7124

■ 109.0591,
101.4811, 144.9727

■ 0.5725, 0.0631,
1.4689

138.2797,
129.9024, 181.7937

■ 0.0000, 0.0000,
0.1946

172.3026,

■ 0.0000, 0.0000,

163.1890, 224.3743

0.0000

211.4931,
201.7253, 273.1333

■ 22.2029, 18.8999,
32.6148

■ 22.2029, 18.8999,
32.6148

■ 20.0146, 15.5565,
32.0851

■ 24.7033, 22.8269,
33.2413

■ 18.1215, 12.7647,
31.6460

■ 27.5278, 27.3626,
33.9679

■ 16.5079, 10.4931,
31.2926

■ 30.6902, 32.5334,
34.7993

■ 15.1558, 8.7060,
31.0189

■ 34.2028, 38.3636,
35.7395

■ 14.0448, 7.3631,
30.8183

■ 38.0772, 44.8761,
36.7923

■ 13.1512, 6.4177,
30.6829

■ 42.3245, 52.0928,
37.9614

■ 12.4261, 5.7723,
30.5965

■ 46.9554, 60.0343,
39.2502

■ 12.3397, 5.6972,
30.5865

■ 51.9800, 68.7208,
40.6621

■ 57.4081, 78.1713,
42.2001

Harmonies

Analogous

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



19.6404, 18.8999, 38.7775



22.2029, 18.8999, 32.6148



23.6858, 18.8999, 23.9735

Triad

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



22.2029, 18.8999, 32.6148



19.1130, 18.8999, 8.9843



13.3566, 18.8999, 25.5988

Complementary

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



22.2029, 18.8999, 32.6148



22.0373, 27.9520, 18.7027

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.



13.2466, 18.8999, 17.5207



22.2029, 18.8999, 32.6148



16.3855, 18.8999, 9.2076

Square

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



22.2029, 18.8999, 32.6148



21.7828, 18.8999, 11.2250



14.3018, 18.8999, 11.9415



14.6194, 18.8999, 34.0648

Rectangle

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



22.2029, 18.8999, 32.6148



23.7714, 18.8999, 18.5795



14.3018, 18.8999, 11.9415



13.1886, 18.8999, 22.7166

Sweetspot

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



22.2035, 18.9007, 32.6152



49.0736, 48.6379, 60.7736



18.9514, 19.3404, 32.8715



10.6786, 10.4852, 13.3785



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.2035, 18.9007, 32.6152



36.9874, 29.5875, 57.7335



23.5994, 19.7077, 28.7329



6.2969, 6.2389, 7.8013



10.2315, 4.7256, 25.2806



0.1871, 0.0883, 0.3795

Inverse Universe

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



22.0573, 19.0909, 20.6124



36.7813, 30.0509, 31.9914



21.0004, 27.3549, 21.4802



6.2746, 6.2490, 6.8260



11.2113, 5.7388, 2.3718



0.1814, 0.0913, 0.1079

Previews

White Background



This preview shows how the XYZ color 22.2029, 18.8999, 32.6148 looks on a white background.

Color Contrast Check

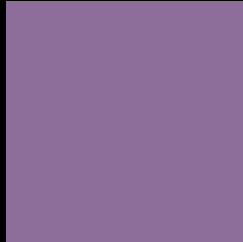
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2029, 18.8999, 32.6148 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 22.2029, 18.8999, 32.6148

Background



This preview shows how black text looks on a background with the XYZ color 22.2029, 18.8999, 32.6148.



This preview shows how white text looks on a background with the XYZ color 22.2029, 18.8999,

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

22.2029, 18.8999, 32.6148

Protanopia

19.2487, 18.9829, 35.9073

Deuteranopia

19.2668, 18.9042, 31.9116



Tritanopia

20.0854, 19.0351, 21.6843

Trichromacy



Original Color

22.2029, 18.8999, 32.6148

Protanomaly

20.1017, 18.7607, 34.4600

Deuteranomaly

20.2557, 18.8884, 32.2840

Tritanomaly

20.7595, 18.9628, 25.4877

Monochromacy



Original Color

22.2029, 18.8999, 32.6148

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.1759, 19.6887, 25.6586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2029, 18.8999, 32.6148 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(141, 109, 153)` looks like.

```
.text, #text, p{  
    color:rgb(141, 109, 153)  
}
```

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(141, 109, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 109, 153) }
```

Border

The CSS property to change the border of an element to XYZ 22.2029, 18.8999, 32.6148 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(141, 109, 153) }
```


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

```
.border{ border-color:rgb(141, 109, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 109, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 109, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 109, 153);  
box-shadow:4px 4px 4px 4px rgb(141, 109,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2029, 18.8999, 32.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 109, 153) }
```

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

```
.background{ background-color: rgb(141,  
109, 153) }
```

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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