

Converting Colors

XYZ(22.2154, 18.7171, 33.6048)

Have a look what the booklet for
XYZ(22.2154, 18.7171, 33.6048)
contains.

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Color

**XYZ(22.2635, 18.7544,
33.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6C9B
RGB	141, 108, 155
RGB Percent	55%, 42%, 61%
CMY	0.4471, 0.5765, 0.3922
CMYK	0.09, 0.30, 0.00, 0.39
HSL	282°, 19%, 52%
HSV	282°, 30%, 61%
XYZ	22.2635, 18.7544, 33.4569
YIQ	123.2250, 4.5810, 21.6130

Conversions

Conversions Part 2

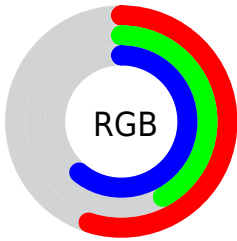
Format	Color
R _Y B	141, 108, 155
Decimal	9268379
CIE Lab	50.40, 22.01, -20.48
CIE LCh	50, 30.068, 317.069
Yxy	18.7544, 0.2989, 0.2518
Android (android.graphics.Color)	4287458459 (0xFF8D6C9B)
YUV	123.2250, 15.6651, 15.5887
Hunter-Lab	43.3064, 15.9795, -15.4908

Details

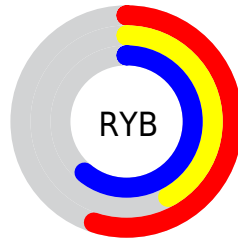
The XYZ color **22.2635, 18.7544, 33.4569** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4547, 28.6634, 18.5373**, and the grayscale version is **18.8503, 19.8320, 21.5971**.

A 20% lighter version of the original color is **46.7093, 41.3969, 66.5013**, and **8.3310, 6.4049, 13.8939** is the 20% darker color. If you saturate the color by 10%, you get **20.0032, 15.3748, 32.9240**, and if you desaturate by 10%, it is **24.8483, 22.7337, 34.0890**.

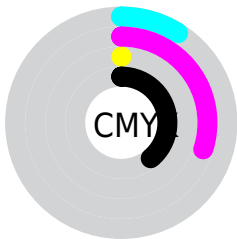
Distribution



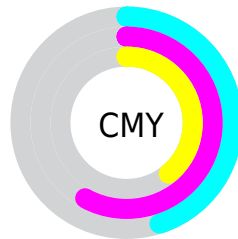
- Red (55%)
- Green (42%)
- Blue (61%)



- Red (55%)
- Yellow (42%)
- Blue (61%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2635, 18.7544, 33.4569 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 22.2635, 18.7544, 33.4569 by changing the saturation by 10% instead.

■ 22.2635, 18.7544,
33.4569

■ 22.2635, 18.7544,
33.4569

256.5258,
245.0895, 332.3985

■ 14.1683, 11.4929,
22.2027

■ 46.6567, 41.3187,
66.2124

■ 8.3203, 6.3994,
13.8062

■ 63.6855, 57.3903,
88.5508

■ 4.3541, 3.0894,
7.8488

■ 84.4229, 77.1674,
115.4211

■ 1.9044, 1.1786,
3.9120

■ 109.2342,
101.0345, 147.2417

■ 0.5794, 0.0441,
1.5772

138.4848,
129.3758, 184.4312

■ 0.0000, 0.0000,
0.2744

172.5400,

■ 0.0000, 0.0000,

162.5758, 227.4081

0.0000

211.7652,
201.0189, 276.5910

■ 22.2635, 18.7544,
33.4569

■ 22.2635, 18.7544,
33.4569

■ 20.0032, 15.3748,
32.9240

■ 24.8483, 22.7337,
34.0890

■ 18.0500, 12.5616,
32.4839

■ 27.7706, 27.3391,
34.8240

■ 16.3870, 10.2816,
32.1315

■ 31.0446, 32.5982,
35.6665

■ 14.9954, 8.4974,
31.8605

■ 34.6831, 38.5363,
36.6209

■ 13.8535, 7.1665,
31.6638

■ 38.6986, 45.1772,
37.6911

■ 12.9360, 6.2389,
31.5331

■ 43.1025, 52.5437,
38.8808

■ 12.2024, 5.6071,
31.4498

■ 47.9060, 60.6575,
40.1938

■ 53.1198, 69.5394,
41.6334

■ 58.7540, 79.2092,
43.2029

Harmonies

Analogous

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



19.5259, 18.7544, 39.9867



22.2635, 18.7544, 33.4569



23.8810, 18.7544, 24.2367

Triad

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



22.2635, 18.7544, 33.4569



19.1125, 18.7544, 8.4102



12.9761, 18.7544, 25.5166

Complementary

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



22.2635, 18.7544, 33.4569



22.4547, 28.6634, 18.5373

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.



12.8914, 18.7544, 17.0273



22.2635, 18.7544, 33.4569



16.2268, 18.7544, 8.5778

Square

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



22.2635, 18.7544, 33.4569



21.9325, 18.7544, 10.7599



14.0203, 18.7544, 11.3048



14.2662, 18.7544, 34.6117

Rectangle

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



22.2635, 18.7544, 33.4569



24.0024, 18.7544, 18.5035



14.0203, 18.7544, 11.3048



12.8111, 18.7544, 22.4652

Sweetspot

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



22.2641, 18.7552, 33.4573



50.3729, 49.9796, 62.5284



19.0733, 19.4991, 33.7691



11.2289, 11.0373, 14.1090



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.2641, 18.7552, 33.4573



37.2235, 29.6049, 59.2887



24.0379, 19.7573, 29.5783



6.2820, 6.2312, 7.8006



9.8404, 4.5240, 25.2623



0.1831, 0.0862, 0.3794

Inverse Universe

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



22.3936, 19.0996, 20.9193



37.5971, 30.3806, 32.9609



21.1408, 27.9251, 21.2298



6.2807, 6.2515, 6.8585



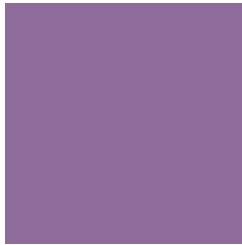
11.2713, 5.7628, 2.6878



0.1831, 0.0920, 0.1172

Previews

White Background



This preview shows how the XYZ color 22.2635, 18.7544, 33.4569 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 22.2635, 18.7544, 33.4569 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 22.2635, 18.7544, 33.4569

Background



This preview shows how black text looks on a background with the XYZ color 22.2635, 18.7544, 33.4569.



This preview shows how white text looks on a background with the XYZ color 22.2635, 18.7544,

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

22.2635, 18.7544, 33.4569

Protanopia

19.2711, 18.9638, 37.2950

Deuteranopia

19.2984, 18.9016, 32.7682



Tritanopia

19.7458, 18.6989, 21.3074

Trichromacy



Original Color

22.2635, 18.7544, 33.4569

Protanomaly

20.0836, 18.7215, 35.8128

Deuteranomaly

20.1622, 18.6528, 33.1095

Tritanomaly

20.6486, 18.7409, 25.4507

Monochromacy



Original Color

22.2635, 18.7544, 33.4569

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.0575, 19.4520, 25.6191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2635, 18.7544, 33.4569 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, 108, 155)` looks like.

```
.text, #text, p{  
    color:rgb(141, 108, 155)  
}
```

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, 108, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 108, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.2635, 18.7544, 33.4569 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, 108, 155) }
```


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

```
.border{ border-color:rgb(141, 108, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 108, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 108, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 108, 155); box-shadow:4px 4px 4px 4px rgb(141, 108, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2635, 18.7544, 33.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 108, 155) }
```

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

```
.background{ background-color: rgb(141,  
108, 155) }
```

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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