

Converting Colors

XYZ(22.2396, 16.7204, 27.2545)

Have a look what the booklet for
XYZ(22.2396, 16.7204, 27.2545)
contains.

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Color

**XYZ(22.2396, 16.7204,
27.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5D8D
RGB	155, 93, 141
RGB Percent	61%, 36%, 55%
CMY	0.3922, 0.6353, 0.4471
CMYK	0.00, 0.40, 0.09, 0.39
HSL	314°, 25%, 49%
HSV	314°, 40%, 61%
XYZ	22.2396, 16.7204, 27.2545
YIQ	117.0100, 21.5440, 28.0720

Conversions

Conversions Part 2

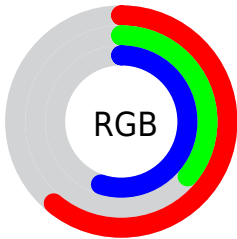
Format	Color
R_{YB}	155, 93, 141
Decimal	10182029
CIE _{Lab}	47.91, 32.65, -15.86
CIE _{LCh}	48, 36.299, 334.089
Yxy	16.7204, 0.3359, 0.2525
Android (android.graphics.Color)	4288372109 (0xFF9B5D8D)
YUV	117.0100, 11.8271, 33.3172
Hunter-Lab	40.8906, 25.5242, -10.8947

Details

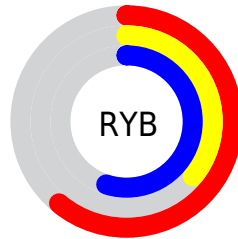
The XYZ color **22.2396, 16.7204, 27.2545** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.8901, 26.8318, 18.0945**, and the grayscale version is **16.8720, 17.7507, 19.3305**.

A 20% lighter version of the original color is **46.8397, 38.0398, 56.5035**, and **8.2685, 5.3815, 10.5005** is the 20% darker color. If you saturate the color by 10%, you get **20.7583, 14.1677, 25.4961**, and if you desaturate by 10%, it is **24.0060, 19.8294, 29.1489**.

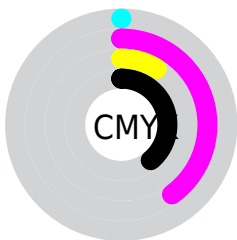
Distribution



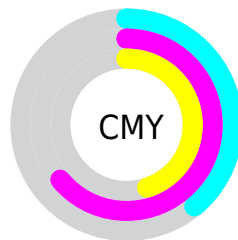
- Red (61%)
- Green (36%)
- Blue (55%)



- Red (61%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2396, 16.7204, 27.2545 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 22.2396, 16.7204, 27.2545 by changing the saturation by 10% instead.

■ 22.2396, 16.7204,
27.2545

■ 22.2396, 16.7204,
27.2545

256.4039,
233.5559, 302.6863

■ 14.1506, 10.0353,
17.5303

■ 46.6176, 37.8444,
56.3007

■ 8.3079, 5.4224,
10.4474

■ 63.6374, 53.0522,
76.4598

■ 4.3461, 2.4972,
5.5871

■ 84.3648, 71.8696,
100.9342

■ 1.8997, 0.8752,
2.5310

■ 109.1652, 94.6811,
130.1426

■ 0.5767, 0.0000,
0.8565

138.4039,
121.8711, 164.5035

■ 0.0000, 0.0000,
0.0000

172.4464,

153.8240, 204.4354

211.6579,
190.9241, 250.3568

■ 22.2396, 16.7204,
27.2545

■ 22.2396, 16.7204,
27.2545

■ 20.7583, 14.1677,
25.4961

■ 24.0060, 19.8294,
29.1489

■ 19.5436, 12.1355,
23.8667

■ 26.0712, 23.5232,
31.1837

■ 18.5774, 10.5874,
22.3599

■ 28.4502, 27.8309,
33.3644

■ 17.8385, 9.4811,
20.9685

■ 31.1562, 32.7794,
35.6958

■ 17.3022, 8.7673,
19.6836

■ 34.2019, 38.3935,
38.1826

■ 16.9078, 8.3247,
18.4848

■ 37.5992, 44.6970,
40.8289

■ 16.9077, 8.3246,
18.4845

■ 41.3594, 51.7124,
43.6389

■ 45.4933, 59.4613,
46.6165

■ 50.0112, 67.9642,
49.7656

Harmonies

Analogous

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



19.6800, 16.7204, 37.5424



22.2396, 16.7204, 27.2545



23.0187, 16.7204, 16.9527

Triad

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



22.2396, 16.7204, 27.2545



15.4485, 16.7204, 5.5099



11.2363, 16.7204, 30.2670

Complementary

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



22.2396, 16.7204, 27.2545



18.8901, 26.8318, 18.0945

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.



10.4132, 16.7204, 19.5190



22.2396, 16.7204, 27.2545



12.6246, 16.7204, 7.0002

Square

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



22.2396, 16.7204, 27.2545



18.7988, 16.7204, 6.3435



10.8845, 16.7204, 11.4206



13.3019, 16.7204, 39.6594

Rectangle

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



22.2396, 16.7204, 27.2545



22.3454, 16.7204, 11.8050



10.8845, 16.7204, 11.4206



10.8190, 16.7204, 26.5813

Sweetspot

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



22.2401, 16.7212, 27.2548



49.9481, 48.0185, 58.8552



15.8271, 13.2870, 32.7410



11.1877, 10.6549, 13.2151



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.



22.2401, 16.7212, 27.2548



37.4341, 25.8127, 45.9837



20.2780, 15.9363, 16.9223



6.4015, 6.2998, 7.4944



13.5951, 6.6923, 14.9247



0.2164, 0.1053, 0.2924

Inverse Universe

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



22.2401, 16.7212, 27.2548



37.4341, 25.8127, 45.9837



20.7827, 27.5888, 28.0606



6.4015, 6.2998, 7.4944



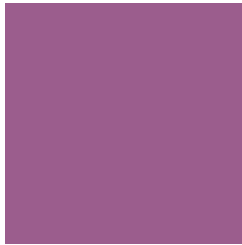
13.5951, 6.6923, 14.9247



0.2164, 0.1053, 0.2924

Previews

White Background



This preview shows how the XYZ color 22.2396, 16.7204, 27.2545 looks on a white 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

Black 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

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

XYZ 22.2396, 16.7204, 27.2545

Background



This preview shows how black text looks on a background with the XYZ color 22.2396, 16.7204, 27.2545.



This preview shows how white text looks on a background with the XYZ color 22.2396, 16.7204,

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

22.2396, 16.7204, 27.2545

Protanopia

17.3010, 17.0016, 33.3801

Deuteranopia

17.1917, 16.9340, 26.4073



Tritanopia

19.9735, 16.7552, 16.0913

Trichromacy



Original Color

22.2396, 16.7204, 27.2545

Protanomaly

18.5442, 16.5750, 31.0761

Deuteranomaly

18.6139, 16.5564, 26.6407

Tritanomaly

20.5534, 16.5567, 19.5652

Monochromacy



Original Color

22.2396, 16.7204, 27.2545

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.4885, 17.0568, 22.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2396, 16.7204, 27.2545 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(155, 93, 141)` looks like.

```
.text, #text, p{  
    color:rgb(155, 93, 141)  
}
```

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(155, 93, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 93, 141) }
```

Border

The CSS property to change the border of an element to XYZ 22.2396, 16.7204, 27.2545 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(155, 93, 141) }
```


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

```
.border{ border-color:rgb(155, 93, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 93, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 93, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 93, 141);  
box-shadow:4px 4px 4px 4px rgb(155, 93,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2396, 16.7204, 27.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 93, 141) }
```

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

```
.background{ background-color: rgb(155, 93,  
141) }
```

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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