

Converting Colors

XYZ(22.4240, 18.3562, 27.4391)

Have a look what the booklet for
XYZ(22.4240, 18.3562, 27.4391)
contains.

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Color

**XYZ(22.5205, 18.4030,
27.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	97688D
RGB	151, 104, 141
RGB Percent	59%, 41%, 55%
CMY	0.4078, 0.5921, 0.4471
CMYK	0.00, 0.31, 0.07, 0.41
HSL	313°, 18%, 50%
HSV	313°, 31%, 59%
XYZ	22.5205, 18.4030, 27.5645
YIQ	122.2710, 16.1350, 21.4710

Conversions

Conversions Part 2

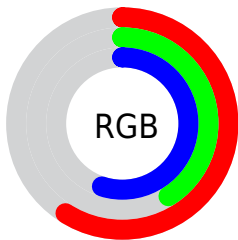
Format	Color
R_{YB}	151, 104, 141
Decimal	9922701
CIE _{Lab}	49.98, 25.00, -12.76
CIE _{LCh}	50, 28.063, 332.957
Yxy	18.4030, 0.3288, 0.2687
Android (android.graphics.Color)	4288112781 (0xFF97688D)
YUV	122.2710, 9.2334, 25.1953
Hunter-Lab	42.8987, 18.6342, -8.0676

Details

The XYZ color **22.5205, 18.4030, 27.5645** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.8135, 26.2917, 19.9511**, and the grayscale version is **18.5547, 19.5210, 21.2584**.

A 20% lighter version of the original color is **47.1924, 40.8389, 57.0251**, and **8.4481, 6.2363, 10.6560** is the 20% darker color. If you saturate the color by 10%, you get **20.8991, 15.5369, 25.8617**, and if you desaturate by 10%, it is **24.4222, 21.8179, 29.3953**.

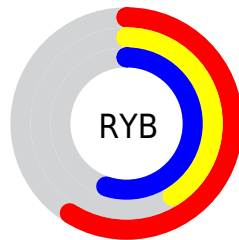
Distribution



Red (59%)

Green (41%)

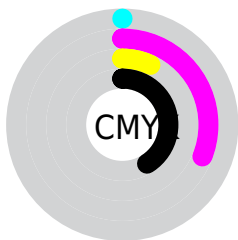
Blue (55%)



Red (59%)

Yellow (41%)

Blue (55%)

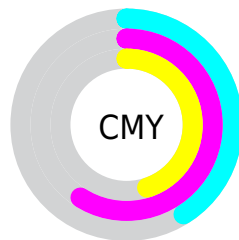


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (41%)



Cyan (41%)


Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5205, 18.4030, 27.5645 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 22.5205, 18.4030, 27.5645 by changing the saturation by 10% instead.

 22.5205, 18.4030,
27.5645


 22.5205, 18.4030,
27.5645


257.8341,
243.1328, 304.2262


 14.3586, 11.2397,
17.7615


 47.0773, 40.7228,
56.8031


 8.4539, 6.2283,
10.6112


 64.2028, 56.6482,
77.0757

 4.4409, 2.9844,
5.6952

 85.0470, 76.2630,
101.6753

 1.9545, 1.1236,
2.5949

 109.9751, 99.9516,
131.0204

 0.6082, 0.0000,
0.8898

139.3525,
128.0986, 165.5294

 0.0000, 0.0000,
0.0000

173.5446,

161.0881, 205.6211

212.9166,
199.3048, 251.7138

■ 22.5205, 18.4030,
27.5645

■ 22.5205, 18.4030,
27.5645

■ 20.8991, 15.5369,
25.8617

■ 24.4222, 21.8179,
29.3953

■ 19.5416, 13.1880,
24.2806

■ 26.6159, 25.8059,
31.3578

■ 18.4327, 11.3254,
22.8161

■ 29.1149, 30.3932,
33.4569

■ 17.5547, 9.9138,
21.4618

■ 31.9309, 35.6032,
35.6967

■ 16.8875, 8.9130,
20.2109

■ 35.0753, 41.4585,
38.0812

■ 16.4075, 8.2759,
19.0551

■ 38.5587, 47.9802,
40.6144

■ 16.0847, 7.9082,
18.0909

■ 42.3912, 55.1885,
43.2998

■ 46.5826, 63.1030,
46.1410

■ 51.1424, 71.7423,
49.1414

Harmonies

Analogous

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



20.4623, 18.4030, 35.2339



22.5205, 18.4030, 27.5645



23.1889, 18.4030, 19.2825

Triad

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



22.5205, 18.4030, 27.5645



17.2258, 18.4030, 8.5771



13.4966, 18.4030, 29.2360

Complementary

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



22.5205, 18.4030, 27.5645



19.8135, 26.2917, 19.9511

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.



12.8133, 18.4030, 20.8125



22.5205, 18.4030, 27.5645



14.8232, 18.4030, 9.9927

Square

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



22.5205, 18.4030, 27.5645



19.9529, 18.4030, 9.5193



13.2731, 18.4030, 14.0234



15.2413, 18.4030, 36.3601

Rectangle

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



22.5205, 18.4030, 27.5645



22.7057, 18.4030, 14.7924



13.2731, 18.4030, 14.0234



13.1437, 18.4030, 26.3961

Sweetspot

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



22.5211, 18.4038, 27.5649



48.4918, 47.7262, 56.8688



17.3987, 15.6732, 31.3867



10.8901, 10.6070, 12.8126



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.



22.5211, 18.4038, 27.5649



38.3557, 29.4549, 47.3217



20.9894, 17.7912, 19.4993



6.4049, 6.3011, 7.5124



13.6941, 6.7319, 15.4462



0.2173, 0.1057, 0.2972

Inverse Universe

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



22.5211, 18.4038, 27.5649



38.3557, 29.4549, 47.3217



21.2843, 26.8800, 27.6964



6.4049, 6.3011, 7.5124



13.6941, 6.7319, 15.4462



0.2173, 0.1057, 0.2972

Previews

White Background



This preview shows how the XYZ color 22.5205, 18.4030, 27.5645 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 22.5205, 18.4030, 27.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

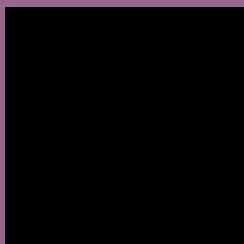
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5205, 18.4030, 27.5645

Background



This preview shows how black text looks on a background with the XYZ color 22.5205, 18.4030, 27.5645.



This preview shows how white text looks on a background with the XYZ color 22.5205, 18.4030,

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

22.5205, 18.4030, 27.5645

Protanopia

18.6199, 18.5707, 31.8813

Deuteranopia

18.7907, 18.4198, 26.9911



Tritanopia

20.8923, 18.5175, 19.3027

Trichromacy



Original Color

22.5205, 18.4030, 27.5645

Protanomaly

19.7758, 18.3525, 30.1038

Deuteranomaly

20.0435, 18.3873, 27.3036

Tritanomaly

21.4180, 18.4113, 22.1635

Monochromacy



Original Color

22.5205, 18.4030, 27.5645

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.7660, 18.8330, 23.3622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5205, 18.4030, 27.5645 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(151, 104, 141)` looks like.

```
.text, #text, p{  
    color:rgb(151, 104, 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(151, 104, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 104, 141) }
```

Border

The CSS property to change the border of an element to XYZ 22.5205, 18.4030, 27.5645 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(151, 104, 141) }
```


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

```
.border{ border-color:rgb(151, 104, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 104, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 104, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 104, 141);  
box-shadow:4px 4px 4px 4px rgb(151, 104,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5205, 18.4030, 27.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 104, 141) }
```

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

```
.background{ background-color: rgb(151,  
104, 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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