

Converting Colors

XYZ(22.2328, 18.3168, 26.1465)

Have a look what the booklet for
XYZ(22.2328, 18.3168, 26.1465)
contains.

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Color

**XYZ(22.2282, 18.2861,
26.0249)**

Conversions

Conversions Part 1

Format	Color
Hex	976889
RGB	151, 104, 137
RGB Percent	59%, 41%, 54%
CMY	0.4078, 0.5921, 0.4627
CMYK	0.00, 0.31, 0.09, 0.41
HSL	318°, 18%, 50%
HSV	318°, 31%, 59%
XYZ	22.2282, 18.2861, 26.0249
YIQ	121.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

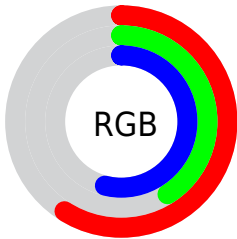
Format	Color
R_{YB}	151, 104, 137
Decimal	9922697
CIE _{Lab}	49.84, 24.25, -10.60
CIE _{LCh}	50, 26.469, 336.393
Yxy	18.2861, 0.3341, 0.2748
Android (android.graphics.Color)	4288112777 (0xFF976889)
YUV	121.8150, 7.4862, 25.5952
Hunter-Lab	42.7622, 17.9520, -6.1500

Details

The XYZ color **22.2282, 18.2861, 26.0249** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0464, 26.3849, 21.1770**, and the grayscale version is **18.4112, 19.3701, 21.0940**.

A 20% lighter version of the original color is **46.6363, 40.6165, 54.0970**, and **8.2801, 6.1691, 9.7712** is the 20% darker color. If you saturate the color by 10%, you get **20.5264, 15.3878, 23.8988**, and if you desaturate by 10%, it is **24.2168, 21.7357, 28.3134**.

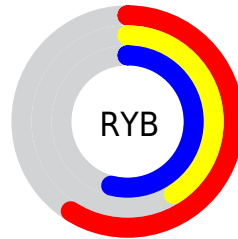
Distribution



Red (59%)

Green (41%)

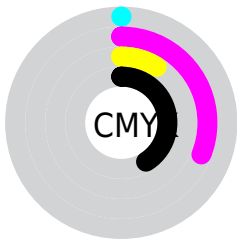
Blue (54%)



Red (59%)

Yellow (41%)

Blue (54%)

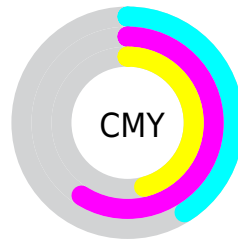


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (41%)



Cyan (41%)

Magenta (59%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2282, 18.2861, 26.0249 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 22.2282, 18.2861, 26.0249 by changing the saturation by 10% instead.

■ 22.2282, 18.2861,
26.0249

■ 22.2282, 18.2861,
26.0249

256.3457,
242.4787, 296.5137

■ 14.1422, 11.1556,
16.6163

■ 46.5989, 40.5242,
54.2997

■ 8.3020, 6.1716,
9.8023

■ 63.6144, 56.4006,
74.0030

■ 4.3422, 2.9497,
5.1642

■ 84.3370, 75.9611,
97.9750

■ 1.8975, 1.1055,
2.2835

■ 109.1322, 99.5901,
126.6341

■ 0.5754, 0.0000,
0.7219

138.3653,
127.6720, 160.3991

■ 0.0000, 0.0000,
0.0000

172.4017,

160.5911, 199.6883

211.6067,
198.7319, 244.9203

■ 22.2282, 18.2861,
26.0249

■ 22.2282, 18.2861,
26.0249

■ 20.5264, 15.3878,
23.8988

■ 24.2168, 21.7357,
28.3134

■ 19.0949, 13.0094,
21.9281

■ 26.5041, 25.7612,
30.7685

■ 17.9183, 11.1197,
20.1072

■ 29.1033, 30.3886,
33.3954

■ 16.9789, 9.6834,
18.4293

■ 32.0264, 35.6415,
36.1991

■ 16.2563, 8.6605,
16.8868

■ 35.2848, 41.5424,
39.1839

■ 15.7269, 8.0037,
15.4710

■ 38.8892, 48.1125,
42.3543

■ 15.3651, 7.6204,
14.3017

■ 42.8498, 55.3721,
45.7143

■ 47.1766, 63.3407,
49.2679

■ 51.8789, 72.0370,
53.0191

Harmonies

Analogous

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



20.4284, 18.2861, 33.3576



22.2282, 18.2861, 26.0249



22.6750, 18.2861, 18.3996

Triad

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



22.2282, 18.2861, 26.0249



16.8445, 18.2861, 9.0290



13.7523, 18.2861, 29.3699

Complementary

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



22.2282, 18.2861, 26.0249



20.0464, 26.3849, 21.1770

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.



12.9816, 18.2861, 21.5019



22.2282, 18.2861, 26.0249



14.6517, 18.2861, 10.6719

Square

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



22.2282, 18.2861, 26.0249



19.4015, 18.2861, 9.6809



13.2942, 18.2861, 14.8376



15.5047, 18.2861, 35.5934

Rectangle

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



22.2282, 18.2861, 26.0249



22.1107, 18.2861, 14.3388



13.2942, 18.2861, 14.8376



13.3780, 18.2861, 26.7655

Sweetspot

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



22.2287, 18.2869, 26.0253



48.3253, 47.6596, 55.9919



17.9158, 15.9398, 31.4110



10.8468, 10.5897, 12.5849



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.



22.2287, 18.2869, 26.0253



37.7355, 29.2068, 44.0558



20.7612, 17.6999, 18.2975



6.3828, 6.2923, 7.3958



13.0843, 6.4879, 12.2347



0.2114, 0.1033, 0.2659

Inverse Universe

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



22.2287, 18.2869, 26.0253



37.7355, 29.2068, 44.0558



21.5703, 26.9945, 29.2020



6.3828, 6.2923, 7.3958



13.0843, 6.4879, 12.2347



0.2114, 0.1033, 0.2659

Previews

White Background



This preview shows how the XYZ color 22.2282, 18.2861, 26.0249 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



This preview shows how the XYZ color 22.2282, 18.2861, 26.0249 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 22.2282, 18.2861, 26.0249

Background



This preview shows how black text looks on a background with the XYZ color 22.2282, 18.2861, 26.0249.



This preview shows how white text looks on a background with the XYZ color 22.2282, 18.2861,

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

22.2282, 18.2861, 26.0249

Protanopia

18.3488, 18.4769, 29.7934

Deuteranopia

18.7869, 18.4510, 25.4929



Tritanopia

20.7277, 18.2820, 18.9593

Trichromacy



Original Color

22.2282, 18.2861, 26.0249

Protanomaly

19.4672, 18.2290, 28.4791

Deuteranomaly

19.9110, 18.3525, 25.7855

Tritanomaly

21.2902, 18.3602, 21.4905

Monochromacy



Original Color

22.2282, 18.2861, 26.0249

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6344, 18.7803, 22.6688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2282, 18.2861, 26.0249 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(151, 104, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 104, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.2282, 18.2861, 26.0249 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, 137) }
```


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

```
.border{ border-color:rgb(151, 104, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 104, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 104, 137);  
box-shadow:4px 4px 4px 4px rgb(151, 104,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2282, 18.2861, 26.0249 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, 137) }
```

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

```
.background{ background-color: rgb(151,  
104, 137) }
```

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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