

Converting Colors

XYZ(18.6469, 11.6246, 22.3801)

Have a look what the booklet for
XYZ(18.6469, 11.6246, 22.3801)
contains.

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Color

**XYZ(18.6469, 11.6246,
22.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	983D82
RGB	152, 61, 130
RGB Percent	60%, 24%, 51%
CMY	0.4039, 0.7608, 0.4902
CMYK	0.00, 0.60, 0.14, 0.40
HSL	315°, 43%, 42%
HSV	315°, 60%, 60%
XYZ	18.6469, 11.6246, 22.3801
YIQ	96.0750, 32.0870, 40.7510

Conversions

Conversions Part 2

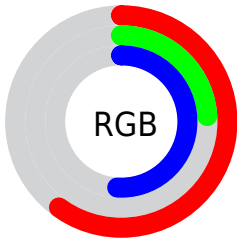
Format	Color
R_{YB}	152, 61, 130
Decimal	9977218
CIE _{Lab}	40.61, 46.51, -20.42
CIE _{LCh}	41, 50.795, 336.293
Yxy	11.6246, 0.3542, 0.2208
Android (android.graphics.Color)	4288167298 (0xFF983D82)
YUV	96.0750, 16.7250, 49.0462
Hunter-Lab	34.0949, 37.9578, -15.0519

Details

The XYZ color **18.6469, 11.6246, 22.3801** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.7146, 24.0735, 12.0557**, and the grayscale version is **11.0921, 11.6698, 12.7084**.

A 20% lighter version of the original color is **40.4648, 28.6390, 48.1949**, and **6.4850, 3.1759, 7.8606** is the 20% darker color. If you saturate the color by 10%, you get **17.7053, 10.1290, 20.8709**, and if you desaturate by 10%, it is **19.8280, 13.5848, 24.0128**.

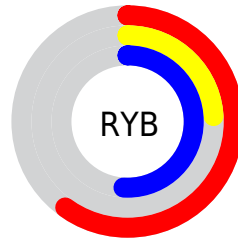
Distribution



Red (60%)

Green (24%)

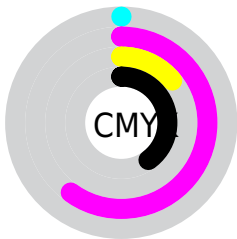
Blue (51%)



Red (60%)

Yellow (24%)

Blue (51%)

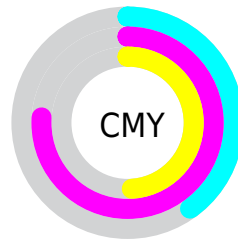


Cyan (0%)

Magenta (60%)

Yellow (14%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6469, 11.6246, 22.3801 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 18.6469, 11.6246, 22.3801 by changing the saturation by 10% instead.

18.6469, 11.6246,
22.3801

18.6469, 11.6246,
22.3801

237.4682,
201.9040, 277.5428

11.5179, 6.4886,
13.9355

40.6581, 28.8095,
48.2836

6.4862, 3.1444,
7.9376

56.2710, 41.6272,
66.5796

3.1863, 1.2076,
3.9678

75.4426, 57.7743,
88.9965

1.2531, 0.0679,
1.6077

98.5382, 77.6351,
115.9528

0.1477, 0.0000,
0.2963

125.9232,
101.5941, 147.8670

0.0000, 0.0000,
0.0000

157.9630,

130.0357, 185.1578

195.0228,
163.3441, 228.2435

■ 18.6469, 11.6246,
22.3801

■ 18.6469, 11.6246,
22.3801

■ 17.7053, 10.1290,
20.8709

■ 19.8280, 13.5848,
24.0128

■ 16.9820, 9.0562,
19.4774

■ 21.2653, 16.0432,
25.7747

■ 16.4539, 8.3600,
18.1916

■ 22.9752, 19.0325,
27.6719

■ 16.0631, 7.9246,
16.9936

■ 24.9723, 22.5818,
29.7095

■ 16.0580, 7.9190,
16.9778

■ 27.2704, 26.7182,
31.8927

■ 29.8821, 31.4672,
34.2260

■ 32.8195, 36.8525,
36.7139

■ 36.0939, 42.8969,
39.3606

■ 39.7161, 49.6216,
42.1701

Harmonies

Analogous

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



15.6568, 11.6246, 36.1982



18.6469, 11.6246, 22.3801



19.4238, 11.6246, 10.6123

Triad

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



18.6469, 11.6246, 22.3801



10.3096, 11.6246, 1.4239



6.3685, 11.6246, 28.3266

Complementary

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



18.6469, 11.6246, 22.3801



14.7146, 24.0735, 12.0557

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.



5.5118, 11.6246, 14.9492



18.6469, 11.6246, 22.3801



7.4473, 11.6246, 2.4768

Square

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



18.6469, 11.6246, 22.3801



14.0615, 11.6246, 1.8161



5.8589, 11.6246, 6.2588



8.5005, 11.6246, 40.7402

Rectangle

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



18.6469, 11.6246, 22.3801



18.4609, 11.6246, 5.7668



5.8589, 11.6246, 6.2588



5.9456, 11.6246, 23.5832

Sweetspot

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



18.6473, 11.6252, 22.3803



44.6583, 40.8974, 53.0071



10.8369, 7.4095, 30.5650



9.9165, 8.8771, 11.8182



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.



18.6473, 11.6252, 22.3803



30.7580, 17.1277, 35.9468



16.2684, 10.6736, 9.8535



6.3973, 6.2981, 7.4725



13.4767, 6.6449, 14.3014



0.2153, 0.1049, 0.2865

Inverse Universe

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



18.6473, 11.6252, 22.3803



30.7580, 17.1277, 35.9468



17.0319, 25.0004, 24.2586



6.3973, 6.2981, 7.4725



13.4767, 6.6449, 14.3014



0.2153, 0.1049, 0.2865

Previews

White Background



This preview shows how the XYZ color 18.6469, 11.6246, 22.3801 looks on a white background.

Color Contrast Check

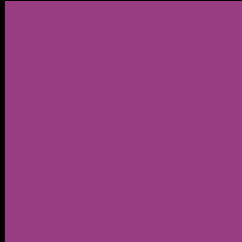
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6469, 11.6246, 22.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

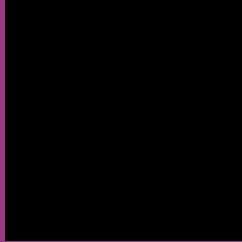
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.6469, 11.6246, 22.3801

Background



This preview shows how black text looks on a background with the XYZ color 18.6469, 11.6246, 22.3801.



This preview shows how white text looks on a background with the XYZ color 18.6469, 11.6246,

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

18.6469, 11.6246, 22.3801

Protanopia

12.7610, 11.8174, 33.5067

Deuteranopia

12.1083, 11.8892, 21.0587



Tritanopia

15.8927, 11.6651, 8.8111

Trichromacy



Original Color

18.6469, 11.6246, 22.3801

Protanomaly

13.6506, 10.9079, 28.9897

Deuteranomaly

13.7341, 11.2295, 21.5223

Tritanomaly

16.7272, 11.5276, 12.8987

Monochromacy



Original Color

18.6469, 11.6246, 22.3801

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

13.0025, 10.9822, 15.6218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6469, 11.6246, 22.3801 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(152, 61, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 61, 130)  
}
```

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(152, 61, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 61, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.6469, 11.6246, 22.3801 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(152, 61, 130) }
```


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

```
.border{ border-color:rgb(152, 61, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 61, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 61, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 61, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 61,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6469, 11.6246, 22.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 61, 130) }
```

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

```
.background{ background-color: rgb(152, 61,  
130) }
```

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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