

Converting Colors

XYZ(18.4793, 13.7929, 22.4424)

Have a look what the booklet for
XYZ(18.4793, 13.7929, 22.4424)
contains.

XYZ(18.4605, 13.7653, 22.4529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.4605, 13.7653,
22.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5481
RGB	143, 84, 129
RGB Percent	56%, 33%, 51%
CMY	0.4392, 0.6706, 0.4941
CMYK	0.00, 0.41, 0.10, 0.44
HSL	314°, 26%, 45%
HSV	314°, 41%, 56%
XYZ	18.4605, 13.7653, 22.4529
YIQ	106.7710, 20.7190, 26.5030

Conversions

Conversions Part 2

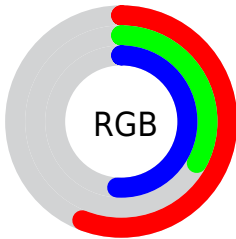
Format	Color
R _Y B	143, 84, 129
Decimal	9393281
CIE Lab	43.89, 31.39, -14.89
CIE LCh	44, 34.748, 334.621
Yxy	13.7653, 0.3376, 0.2517
Android (android.graphics.Color)	4287583361 (0xFF8F5481)
YUV	106.7710, 10.9589, 31.7728
Hunter-Lab	37.1016, 23.8877, -9.9096

Details

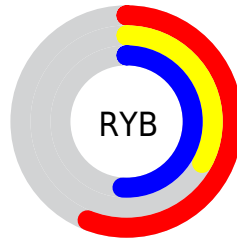
The XYZ color **18.4605, 13.7653, 22.4529** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.6839, 22.4121, 15.0556**, and the grayscale version is **13.8788, 14.6016, 15.9012**.

A 20% lighter version of the original color is **40.3962, 32.7111, 48.4407**, and **6.3932, 4.0651, 8.0371** is the 20% darker color. If you saturate the color by 10%, you get **17.2401, 11.6793, 20.9517**, and if you desaturate by 10%, it is **19.9159, 16.3088, 24.0697**.

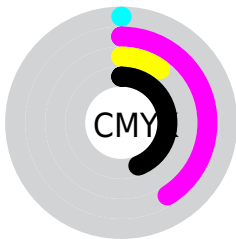
Distribution



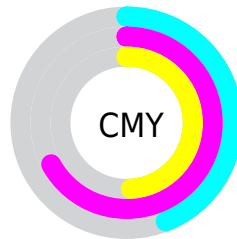
- Red (56%)
- Green (33%)
- Blue (51%)



- Red (56%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (67%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4605, 13.7653, 22.4529 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 18.4605, 13.7653, 22.4529 by changing the saturation by 10% instead.

■ 18.4605, 13.7653,
22.4529

■ 18.4605, 13.7653,
22.4529

236.4497,
215.7658, 277.9327

■ 11.3828, 7.9576,
13.9886

■ 40.3444, 32.6720,
48.4052

■ 6.3941, 4.0678,
7.9741

■ 55.8813, 46.5398,
66.7302

■ 3.1291, 1.7116,
3.9908

■ 74.9687, 63.8631,
89.1792

■ 1.2224, 0.4311,
1.6203

■ 97.9719, 85.0263,
116.1707

■ 0.1239, 0.0000,
0.3052

■ 125.2562,
110.4138, 148.1232

■ 0.0000, 0.0000,
0.0000

157.1871,

140.4099, 185.4554

194.1298,
175.3991, 228.5857

■ 18.4605, 13.7653,
22.4529

■ 18.4605, 13.7653,
22.4529

■ 17.2401, 11.6793,
20.9517

■ 19.9159, 16.3088,
24.0697

■ 16.2394, 10.0210,
19.5602

■ 21.6177, 19.3333,
25.8058

■ 15.4433, 8.7603,
18.2732

■ 23.5782, 22.8630,
27.6658

■ 14.8344, 7.8622,
17.0844

■ 25.8086, 26.9200,
29.6537

■ 14.3920, 7.2856,
15.9867

■ 28.3191, 31.5249,
31.7734

■ 14.0917, 6.9453,
15.0846

■ 31.1196, 36.6973,
34.0284

■ 34.2195, 42.4558,
36.4221

■ 37.6278, 48.8183,
38.9580

■ 41.3529, 55.8017,
41.6392

Harmonies

Analogous

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



16.3203, 13.7653, 31.2046



18.4605, 13.7653, 22.4529



19.0872, 13.7653, 13.8019

Triad

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



18.4605, 13.7653, 22.4529



12.6625, 13.7653, 4.3999



9.1998, 13.7653, 25.3320

Complementary

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



18.4605, 13.7653, 22.4529



15.6839, 22.4121, 15.0556

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.



8.4926, 13.7653, 16.2404



18.4605, 13.7653, 22.4529



10.3057, 13.7653, 5.6668

Square

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



18.4605, 13.7653, 22.4529



15.4809, 13.7653, 5.0530



8.8674, 13.7653, 9.3937



10.9474, 13.7653, 33.2346

Rectangle

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



18.4605, 13.7653, 22.4529



18.4977, 13.7653, 9.5271



8.8674, 13.7653, 9.3937



8.8446, 13.7653, 22.2163

Sweetspot

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



18.4609, 13.7659, 22.4532



41.8530, 40.2716, 49.2022



13.1408, 10.9083, 27.3998



9.5026, 9.0631, 11.1948



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.4609, 13.7659, 22.4532



30.9136, 20.9824, 37.5725



16.7859, 13.0959, 13.6328



5.5723, 5.4894, 6.5116



12.4680, 6.1442, 13.3814



0.1277, 0.0622, 0.1728

Inverse Universe

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



18.4609, 13.7659, 22.4532



30.9136, 20.9824, 37.5725



17.3273, 23.0695, 23.7101



5.5723, 5.4894, 6.5116



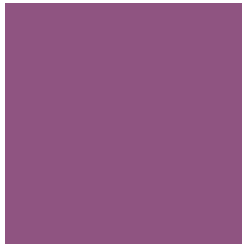
12.4680, 6.1442, 13.3814



0.1277, 0.0622, 0.1728

Previews

White Background



This preview shows how the XYZ color 18.4605, 13.7653, 22.4529 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 18.4605, 13.7653, 22.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

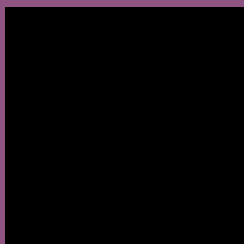
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4605, 13.7653, 22.4529

Background



This preview shows how black text looks on a background with the XYZ color 18.4605, 13.7653, 22.4529.



This preview shows how white text looks on a background with the XYZ color 18.4605, 13.7653,

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

18.4605, 13.7653, 22.4529

Protanopia

14.2218, 13.9590, 27.9314

Deuteranopia

14.2262, 13.9522, 21.6819



Tritanopia

16.4613, 13.6644, 13.0791

Trichromacy



Original Color

18.4605, 13.7653, 22.4529

Protanomaly

15.3259, 13.5802, 25.8582

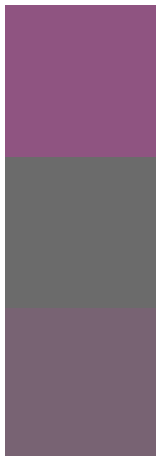
Deuteranomaly

15.3942, 13.5683, 21.8863

Tritanomaly

17.0653, 13.6590, 16.2050

Monochromacy



Original Color

18.4605, 13.7653, 22.4529

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.3021, 14.1546, 18.1453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4605, 13.7653, 22.4529 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(143, 84, 129)` looks like.

```
.text, #text, p{  
  color:rgb(143, 84, 129)  
}
```

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(143, 84, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 84, 129) }
```

Border

The CSS property to change the border of an element to XYZ 18.4605, 13.7653, 22.4529 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(143, 84, 129) }
```


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

```
.border{ border-color:rgb(143, 84, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 84, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 84, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 84, 129);  
box-shadow:4px 4px 4px 4px rgb(143, 84,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4605, 13.7653, 22.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 84, 129) }
```

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

```
.background{ background-color: rgb(143, 84,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor