

Converting Colors

XYZ(18.4056, 14.6157, 20.2627)

Have a look what the booklet for
XYZ(18.4056, 14.6157, 20.2627)
contains.

XYZ(18.4093, 14.6381, 20.2675)	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(18.4093, 14.6381,
20.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5B7A
RGB	142, 91, 122
RGB Percent	56%, 36%, 48%
CMY	0.4431, 0.6431, 0.5216
CMYK	0.00, 0.36, 0.14, 0.44
HSL	324°, 22%, 46%
HSV	324°, 36%, 56%
XYZ	18.4093, 14.6381, 20.2675
YIQ	109.7830, 20.4450, 20.4530

Conversions

Conversions Part 2

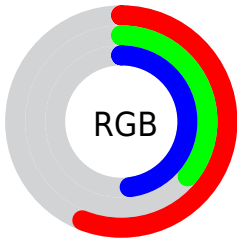
Format	Color
R_{YB}	142, 91, 122
Decimal	9329530
CIE Lab	45.13, 25.78, -8.79
CIE LCh	45, 27.238, 341.174
Yxy	14.6381, 0.3453, 0.2746
Android (android.graphics.Color)	4287519610 (0xFF8E5B7A)
YUV	109.7830, 6.0230, 28.2543
Hunter-Lab	38.2598, 18.9335, -4.6261

Details

The XYZ color **18.4093, 14.6381, 20.2675** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.8573, 22.7183, 18.5366**, and the grayscale version is **14.7384, 15.5060, 16.8860**.

A 20% lighter version of the original color is **40.3389, 34.2723, 44.5335**, and **6.4177, 4.5065, 6.8349** is the 20% darker color. If you saturate the color by 10%, you get **16.9732, 12.3022, 18.1349**, and if you desaturate by 10%, it is **20.0958, 17.4427, 22.5815**.

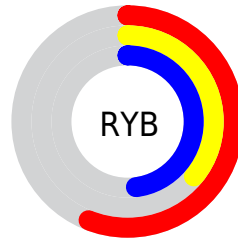
Distribution



Red (56%)

Green (36%)

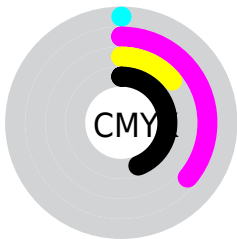
Blue (48%)



Red (56%)

Yellow (36%)

Blue (48%)

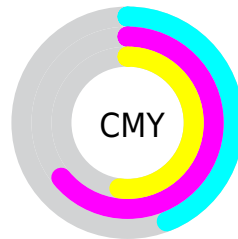


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (44%)



Cyan (44%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4093, 14.6381, 20.2675 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 18.4093, 14.6381, 20.2675 by changing the saturation by 10% instead.

■ 18.4093, 14.6381,
20.2675

■ 18.4093, 14.6381,
20.2675

236.1693,
221.1652, 266.0116

■ 11.3457, 8.5658,
12.4036

■ 40.2582, 34.2170,
44.7301

■ 6.3689, 4.4591,
6.8933

■ 55.7742, 48.4925,
62.1658

■ 3.1134, 1.9335,
3.3180

■ 74.8383, 66.2710,
83.6293

■ 1.2140, 0.5684,
1.2592

■ 97.8160, 87.9372,
109.5391

■ 0.1174, 0.0000,
0.0280

125.0726,
113.8753, 140.3137

■ 0.0000, 0.0000,
0.0000

156.9735,

144.4697, 176.3716

193.8839,
180.1049, 218.1314

■ 18.4093, 14.6381,
20.2675

■ 18.4093, 14.6381,
20.2675

■ 16.9732, 12.3022,
18.1349

■ 20.0958, 17.4427,
22.5815

■ 15.7728, 10.4068,
16.1767

■ 22.0437, 20.7381,
25.0816

■ 14.7939, 8.9239,
14.3866

■ 24.2648, 24.5472,
27.7734


■ 14.0203, 7.8213,
12.7575

■ 26.7698, 28.8912,
30.6622


■ 13.4330, 7.0622,
11.2814


■ 29.5691, 33.7899,
33.7527


 13.0043, 6.5912,
9.9472

 32.6721, 39.2621,
37.0496

 12.8477, 6.4278,
9.4334

 36.0881, 45.3257,
40.5574

 39.8260, 51.9978,
44.2803

 43.8940, 59.2950,
48.2227

Harmonies

Analogous

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



16.9512, 14.6381, 27.1656



18.4093, 14.6381, 20.2675



18.5895, 14.6381, 13.6618

Triad

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



18.4093, 14.6381, 20.2675



13.0936, 14.6381, 6.6298



10.9116, 14.6381, 25.5356

Complementary

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



18.4093, 14.6381, 20.2675



16.8573, 22.7183, 18.5366

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.



10.0951, 14.6381, 18.4548



18.4093, 14.6381, 20.2675



11.2616, 14.6381, 8.3295

Square

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



18.4093, 14.6381, 20.2675



15.3523, 14.6381, 6.8705



10.2159, 14.6381, 12.2743



12.5667, 14.6381, 30.7275

Rectangle

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



18.4093, 14.6381, 20.2675



17.9406, 14.6381, 10.3597



10.2159, 14.6381, 12.2743



10.5385, 14.6381, 23.2282

Sweetspot

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



18.4097, 14.6388, 20.2678



40.6453, 39.6010, 46.4097



15.1233, 12.7863, 27.2624



8.9777, 8.6728, 10.2433



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.4097, 14.6388, 20.2678



30.4076, 22.4614, 32.7133



17.0523, 14.0958, 13.1198



5.5379, 5.4757, 6.3303



11.5444, 5.7748, 8.5181



0.1212, 0.0596, 0.1386

Inverse Universe

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



18.4097, 14.6388, 20.2678



30.4076, 22.4614, 32.7133



18.4354, 23.3496, 26.8469



5.5379, 5.4757, 6.3303



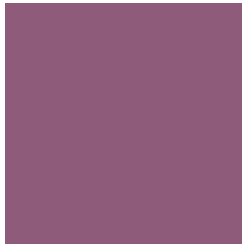
11.5444, 5.7748, 8.5181



0.1212, 0.0596, 0.1386

Previews

White Background



This preview shows how the XYZ color 18.4093, 14.6381, 20.2675 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 18.4093, 14.6381, 20.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

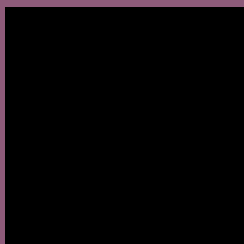
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4093, 14.6381, 20.2675

Background



This preview shows how black text looks on a background with the XYZ color 18.4093, 14.6381, 20.2675.



This preview shows how white text looks on a background with the XYZ color 18.4093, 14.6381,

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

18.4093, 14.6381, 20.2675

Protanopia

14.6857, 14.7407, 23.9010

Deuteranopia

15.0226, 14.7014, 19.8152



Tritanopia

17.3057, 14.7192, 14.4993

Trichromacy



Original Color

18.4093, 14.6381, 20.2675

Protanomaly

15.7524, 14.5789, 22.4058

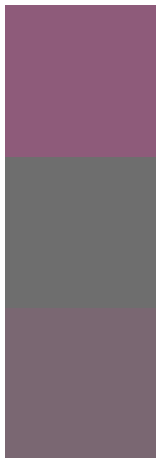
Deuteranomaly

16.0814, 14.5151, 20.0433

Tritanomaly

17.7475, 14.7723, 16.3839

Monochromacy



Original Color

18.4093, 14.6381, 20.2675

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9135, 15.0530, 17.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4093, 14.6381, 20.2675 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(142, 91, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 91, 122)  
}
```

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(142, 91, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 91, 122) }
```

Border

The CSS property to change the border of an element to XYZ 18.4093, 14.6381, 20.2675 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(142, 91, 122) }
```


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

```
.border{ border-color:rgb(142, 91, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 91, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 91, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 91, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 91,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4093, 14.6381, 20.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 91, 122) }
```

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

```
.background{ background-color: rgb(142, 91,  
122) }
```

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