

Converting Colors

XYZ(17.7136, 13.4865, 18.4100)

Have a look what the booklet for
XYZ(17.7136, 13.4865, 18.4100)
contains.

XYZ(17.7089, 13.4646, 18.4952)	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(17.7089, 13.4646,
18.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5475
RGB	143, 84, 117
RGB Percent	56%, 33%, 46%
CMY	0.4392, 0.6706, 0.5412
CMYK	0.00, 0.41, 0.18, 0.44
HSL	326°, 26%, 45%
HSV	326°, 41%, 56%
XYZ	17.7089, 13.4646, 18.4952
YIQ	105.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

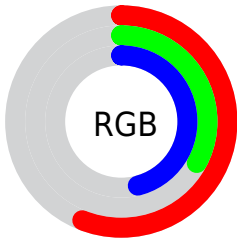
Format	Color
R_{YB}	143, 84, 117
Decimal	9393269
CIE _{Lab}	43.46, 29.30, -8.25
CIE _{LCh}	43, 30.444, 344.268
Yxy	13.4646, 0.3565, 0.2711
Android (android.graphics.Color)	4287583349 (0xFF8F5475)
YUV	105.4030, 5.7173, 32.9726
Hunter-Lab	36.6941, 21.9308, -4.1984

Details

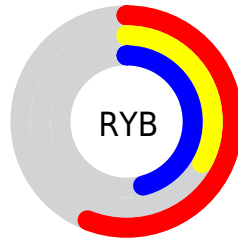
The XYZ color **17.7089, 13.4646, 18.4952** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.2937, 22.6559, 18.2671**, and the grayscale version is **13.5172, 14.2211, 15.4868**.

A 20% lighter version of the original color is **39.1141, 32.1983, 41.6895**, and **6.0194, 3.9156, 6.0687** is the 20% darker color. If you saturate the color by 10%, you get **16.3521, 11.3241, 16.2760**, and if you desaturate by 10%, it is **19.3181, 16.0696, 20.9219**.

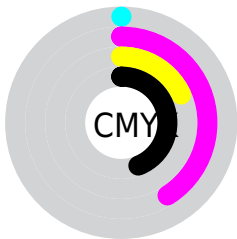
Distribution



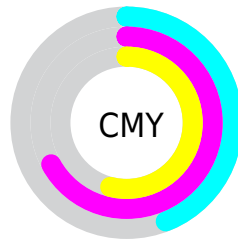
- Red (56%)
- Green (33%)
- Blue (46%)



- Red (56%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7089, 13.4646, 18.4952 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 17.7089, 13.4646, 18.4952 by changing the saturation by 10% instead.

■ 17.7089, 13.4646,
18.4952

■ 17.7089, 13.4646,
18.4952

232.3026,
213.8741, 255.9768

■ 10.8396, 7.7492,
11.1330

■ 39.0747, 32.1360,
41.7046

■ 6.0256, 3.9349,
6.0411

■ 54.3018, 45.8608,
58.3889

■ 2.9015, 1.6372,
2.8009

■ 73.0457, 63.0242,
79.0176

■ 1.1019, 0.3825,
0.9939

■ 95.6716, 84.0106,
104.0093

■ 0.0267, 0.0000,
0.0000

■ 122.5449,
109.2044, 133.7826

■ 0.0000, 0.0000,
0.0000

154.0309,

138.9900, 168.7559

190.4950,
173.7518, 209.3478

■ 17.7089, 13.4646,
18.4952

■ 17.7089, 13.4646,
18.4952

■ 16.3521, 11.3241,
16.2760

■ 19.3181, 16.0696,
20.9219

■ 15.2321, 9.6181,
14.2562

■ 21.1915, 19.1628,
23.5621

■ 14.3334, 8.3163,
12.4285

■ 23.3420, 22.7685,
26.4223

■ 13.6379, 7.3836,
10.7841

■ 25.7809, 26.9088,
29.5085

■ 13.1247, 6.7787,
9.3135

■ 28.5190, 31.6047,
32.8266

■ 12.7750, 6.4186,
8.1512

■ 31.5664, 36.8759,
36.3820

■ 34.9330, 42.7411,
40.1800

■ 38.6280, 49.2182,
44.2257

■ 42.6602, 56.3244,
48.5241

Harmonies

Analogous

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



16.2526, 13.4646, 26.1445



17.7089, 13.4646, 18.4952



17.7464, 13.4646, 11.6713

Triad

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



17.7089, 13.4646, 18.4952



11.7062, 13.4646, 5.2955



9.8016, 13.4646, 25.7989

Complementary

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



17.7089, 13.4646, 18.4952



16.2937, 22.6559, 18.2671

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.



8.8668, 13.4646, 18.1213



17.7089, 13.4646, 18.4952



9.8708, 13.4646, 7.1553

Square

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



17.7089, 13.4646, 18.4952



14.0746, 13.4646, 5.3394



8.8905, 13.4646, 11.3965



11.6004, 13.4646, 31.1701

Rectangle

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



17.7089, 13.4646, 18.4952



16.9491, 13.4646, 8.4672



8.8905, 13.4646, 11.3965



9.3864, 13.4646, 23.3139

Sweetspot

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



17.7093, 13.4652, 18.4955



41.3948, 40.0883, 46.7891



14.5054, 11.6118, 27.4636



9.3884, 9.0174, 10.5935



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.



17.7093, 13.4652, 18.4955



29.3281, 20.3482, 29.2233



16.2572, 12.8844, 10.8488



5.5272, 5.4714, 6.2743



11.3061, 5.6795, 7.2632



0.1192, 0.0587, 0.1279

Inverse Universe

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



17.7093, 13.4652, 18.4955



29.3281, 20.3482, 29.2233



18.1441, 23.3961, 28.0115



5.5272, 5.4714, 6.2743



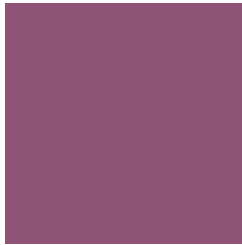
11.3061, 5.6795, 7.2632



0.1192, 0.0587, 0.1279

Previews

White Background



This preview shows how the XYZ color 17.7089, 13.4646, 18.4952 looks on a white background.

Color Contrast Check

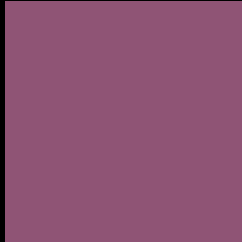
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7089, 13.4646, 18.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

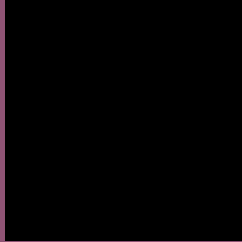
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7089, 13.4646, 18.4952

Background



This preview shows how black text looks on a background with the XYZ color 17.7089, 13.4646, 18.4952.



This preview shows how white text looks on a background with the XYZ color 17.7089, 13.4646,

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

17.7089, 13.4646, 18.4952

Protanopia

13.6436, 13.6291, 22.6805

Deuteranopia

13.7788, 13.5174, 17.8025



Tritanopia

16.5398, 13.4684, 12.5544

Trichromacy



Original Color

17.7089, 13.4646, 18.4952

Protanomaly

14.7333, 13.2425, 21.1816

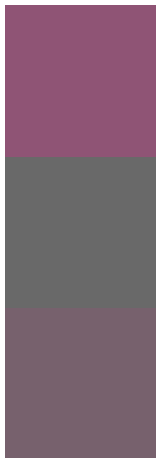
Deuteranomaly

14.9824, 13.3082, 17.9987

Tritanomaly

17.0117, 13.5464, 14.5501

Monochromacy



Original Color

17.7089, 13.4646, 18.4952

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.6428, 13.5755, 16.3166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7089, 13.4646, 18.4952 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(143, 84, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 84, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.7089, 13.4646, 18.4952 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, 117) }
```


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

```
.border{ border-color:rgb(143, 84, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 84, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 84, 117);  
box-shadow:4px 4px 4px 4px rgb(143, 84,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7089, 13.4646, 18.4952 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, 117) }
```

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

```
.background{ background-color: rgb(143, 84,  
117) }
```

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