

Converting Colors

XYZ(27.5298, 22.7606, 19.4652)

Have a look what the booklet for
XYZ(27.5298, 22.7606, 19.4652)
contains.

XYZ(27.5298, 22.7606, 19.4652)	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(27.5298, 22.7606,
19.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	B27274
RGB	178, 114, 116
RGB Percent	70%, 45%, 45%
CMY	0.3020, 0.5529, 0.5451
CMYK	0.00, 0.36, 0.35, 0.30
HSL	358°, 29%, 57%
HSV	358°, 36%, 70%
XYZ	27.5298, 22.7606, 19.4652
YIQ	133.3640, 37.5020, 14.1900

Conversions

Conversions Part 2

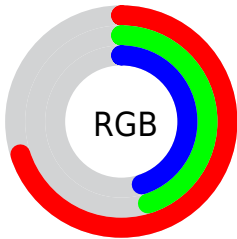
Format	Color
R_{YB}	178, 114, 116
Decimal	11694708
CIE _{Lab}	54.82, 25.54, 9.44
CIE _{LCh}	55, 27.231, 20.295
Yxy	22.7606, 0.3947, 0.3263
Android (android.graphics.Color)	4289884788 (0xFFB27274)
YUV	133.3640, -8.5605, 39.1458
Hunter-Lab	47.7081, 19.5138, 9.2049

Details

The XYZ color **27.5298, 22.7606, 19.4652** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6974, 38.5533, 46.9001**, and the grayscale version is **22.4483, 23.6174, 25.7193**.

A 20% lighter version of the original color is **55.1475, 48.1268, 43.4286**, and **11.1021, 8.4089, 6.5068** is the 20% darker color. If you saturate the color by 10%, you get **24.8022, 18.7644, 14.0579**, and if you desaturate by 10%, it is **30.8356, 27.6149, 25.9844**.

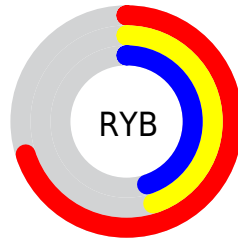
Distribution



Red (70%)

Green (45%)

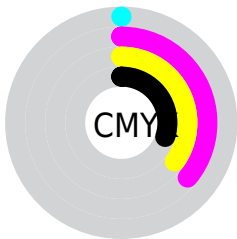
Blue (45%)



Red (70%)

Yellow (45%)

Blue (45%)

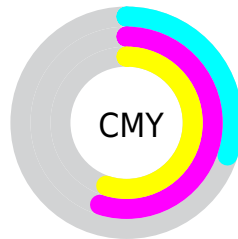


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5298, 22.7606, 19.4652 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 27.5298, 22.7606, 19.4652 by changing the saturation by 10% instead.


 27.5298, 22.7606,
19.4652


 27.5298, 22.7606,
19.4652


282.3342,
266.4930, 261.5128


 18.1102, 14.4168,
11.8267


 55.1468, 47.9999,
43.3658


 11.1293, 8.4111,
6.5047


 74.0748, 65.6643,
60.4650

 6.2218, 4.3591,
3.0806


 96.9030, 87.2043,
81.5549

 3.0223, 1.8764,
1.1359

 123.9968,
113.0044, 107.0539

 1.1656, 0.5341,
0.0000

155.7214,
143.4489, 137.3807

 0.0789, 0.0000,
0.0000

192.4423,

 0.0000, 0.0000,

178.9222, 172.9538

0.0000

234.5248,
219.8088, 214.1916

■ 27.5298, 22.7606,
19.4652

■ 27.5298, 22.7606,
19.4652

■ 24.8022, 18.7644,
14.0579

■ 30.8356, 27.6149,
25.9844

■ 22.6178, 15.5733,
9.6993

■ 34.7481, 33.3697,
33.6712

■ 20.9408, 13.1336,
6.3216


■ 39.2964, 40.0683,
42.5795


■ 19.7304, 11.3840,
3.8490


■ 44.5069, 47.7507,
52.7591


■ 18.9393, 10.2531,
2.1942


■ 50.4046, 56.4542,
64.2572


 18.5080, 9.6493,
1.2521

 57.0133, 66.2142,
77.1185

 18.3905, 9.4771,
1.0194

 64.3555, 77.0647,
91.3857

 72.0031, 88.1382,
106.9497

 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



27.8558, 22.7606, 27.6837



27.5298, 22.7606, 19.4652



25.5462, 22.7606, 14.0904

Triad

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



27.5298, 22.7606, 19.4652



17.4782, 22.7606, 15.6282



20.6720, 22.7606, 44.9797

Complementary

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



27.5298, 22.7606, 19.4652



30.6974, 38.5533, 46.9001

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.



18.1418, 22.7606, 39.8510



27.5298, 22.7606, 19.4652



16.4141, 22.7606, 22.0913

Square

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



27.5298, 22.7606, 19.4652



19.6868, 22.7606, 12.2580



16.6452, 22.7606, 30.9892



23.7040, 22.7606, 43.8115

Rectangle

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



27.5298, 22.7606, 19.4652



23.6445, 22.7606, 12.2215



16.6452, 22.7606, 30.9892



19.7395, 22.7606, 43.8969

Sweetspot

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



27.5304, 22.7617, 19.4656



66.7945, 66.0804, 68.4715



31.9282, 24.4647, 45.1588



14.5574, 14.2853, 14.6978



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.5304, 22.7617, 19.4656



45.9827, 35.4996, 27.4908



31.3511, 30.5870, 20.1726



8.5067, 8.5094, 8.9009



13.1630, 6.7828, 0.7524



0.4177, 0.2148, 0.0423

Inverse Universe

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



27.5304, 22.7617, 19.4656



45.9827, 35.4996, 27.4908



25.5872, 28.0145, 46.1782



8.5067, 8.5094, 8.9009



13.1630, 6.7828, 0.7524



0.4177, 0.2148, 0.0423

Previews

White Background



This preview shows how the XYZ color 27.5298, 22.7606, 19.4652 looks on a white background.

Color Contrast Check

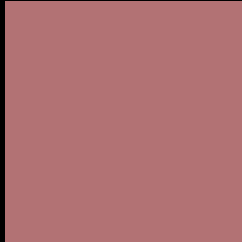
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.5298, 22.7606, 19.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

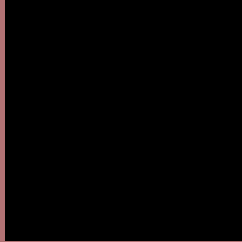
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5298, 22.7606, 19.4652

Background



This preview shows how black text looks on a background with the XYZ color 27.5298, 22.7606, 19.4652.



This preview shows how white text looks on a background with the XYZ color 27.5298, 22.7606,

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

27.5298, 22.7606, 19.4652

Protanopia

21.8096, 22.8642, 22.6658

Deuteranopia

23.3891, 22.9730, 19.1211



Tritanopia

28.0084, 22.7991, 21.3368

Trichromacy



Original Color

27.5298, 22.7606, 19.4652

Protanomaly

23.6090, 22.6517, 21.5402

Deuteranomaly

24.7520, 22.7339, 19.3032

Tritanomaly

27.8857, 22.7500, 20.6908

Monochromacy



Original Color

27.5298, 22.7606, 19.4652

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.6860, 22.8436, 23.2395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5298, 22.7606, 19.4652 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(178, 114, 116)` looks like.

```
.text, #text, p{  
    color:rgb(178, 114, 116)  
}
```

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(178, 114, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 114, 116) }
```

Border

The CSS property to change the border of an element to XYZ 27.5298, 22.7606, 19.4652 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(178, 114, 116) }
```


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

```
.border{ border-color:rgb(178, 114, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 114, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 114, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 114, 116);  
box-shadow:4px 4px 4px 4px rgb(178, 114,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5298, 22.7606, 19.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 114, 116) }
```

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

```
.background{ background-color: rgb(178,  
114, 116) }
```

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