

Converting Colors

XYZ(24.5537, 22.5847, 26.9595)

Have a look what the booklet for
XYZ(24.5537, 22.5847, 26.9595)
contains.

XYZ(24.6193, 22.6763, 27.1241)	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(24.6193, 22.6763,
27.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	987B8A
RGB	152, 123, 138
RGB Percent	60%, 48%, 54%
CMY	0.4039, 0.5176, 0.4588
CMYK	0.00, 0.19, 0.09, 0.40
HSL	329°, 12%, 54%
HSV	329°, 19%, 60%
XYZ	24.6193, 22.6763, 27.1241
YIQ	133.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

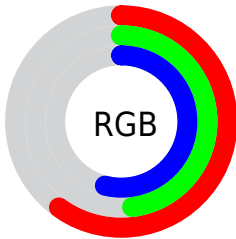
Format	Color
R_{YB}	152, 123, 138
Decimal	9993098
CIE _{Lab}	54.74, 13.82, -3.88
CIE _{LCh}	55, 14.357, 344.313
Yxy	22.6763, 0.3308, 0.3047
Android (android.graphics.Color)	4288183178 (0xFF987B8A)
YUV	133.3810, 2.2772, 16.3289
Hunter-Lab	47.6196, 8.9499, -0.4378

Details

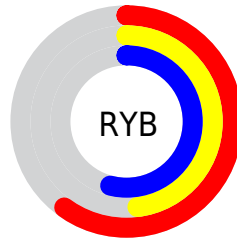
The XYZ color **24.6193, 22.6763, 27.1241** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9129, 28.4742, 27.9040**, and the grayscale version is **22.4225, 23.5902, 25.6898**.

A 20% lighter version of the original color is **50.6614, 48.0777, 55.9000**, and **9.5771, 8.3688, 10.3431** is the 20% darker color. If you saturate the color by 10%, you get **22.3648, 18.9888, 23.8393**, and if you desaturate by 10%, it is **27.2038, 26.9658, 30.6966**.

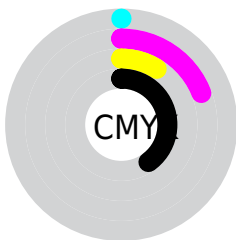
Distribution



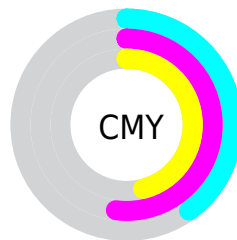
- Red (60%)
- Green (48%)
- Blue (54%)



- Red (60%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (40%)





- Cyan (40%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6193, 22.6763, 27.1241 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 24.6193, 22.6763, 27.1241 by changing the saturation by 10% instead.

 24.6193, 22.6763,
27.1241

 24.6193, 22.6763,
27.1241


268.3194,
266.0580, 302.0367


 15.9209, 14.3547,
17.4332


 50.4863, 47.8613,
56.0891

 9.5587, 8.3678,
10.3786


 68.3856, 65.4934,
76.2003

 5.1673, 4.3312,
5.5418

 90.0825, 86.9978,
100.6219

 2.3815, 1.8605,
2.5043

115.9424,
112.7589, 129.7726

 0.8359, 0.5245,
0.8424

146.3307,
143.1611, 164.0709

 0.0000, 0.0000,
0.0000

181.6128,

178.5887, 203.9353

222.1539,
219.4262, 249.7844

■ 24.6193, 22.6763,
27.1241

■ 24.6193, 22.6763,
27.1241

■ 22.3648, 18.9888,
23.8393

■ 27.2038, 26.9658,
30.6966

■ 20.4241, 15.8729,
20.8325

■ 30.1297, 31.8797,
34.5632

■ 18.7827, 13.3005,
18.0956

■ 33.4101, 37.4429,
38.7318

■ 17.4240, 11.2394,
15.6193

■ 37.0568, 43.6783,
43.2095

■ 16.3297, 9.6544,
13.3938

■ 41.0813, 50.6073,
48.0032

■ 15.4792, 8.5055,
11.4081

■ 45.4942, 58.2508,
53.1196

■ 14.8486, 7.7463,
9.6503

■ 50.3061, 66.6284,
58.5651

■ 14.3862, 7.2747,
8.0987

■ 55.5268, 75.7591,
64.3460

■ 14.3463, 7.2344,
7.9638

■ 59.6140, 82.5575,
69.9509

Harmonies

Analogous

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



23.7508, 22.6763, 31.4702



24.6193, 22.6763, 27.1241



24.6400, 22.6763, 22.5971

Triad

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



24.6193, 22.6763, 27.1241



20.8092, 22.6763, 17.1687



19.4472, 22.6763, 31.2967

Complementary

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



24.6193, 22.6763, 27.1241



23.9129, 28.4742, 27.9040

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.



18.7355, 22.6763, 26.9097



24.6193, 22.6763, 27.1241



19.4954, 22.6763, 18.9622

Square

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



24.6193, 22.6763, 27.1241



22.3869, 22.6763, 17.2112



18.7528, 22.6763, 22.4073



20.7404, 22.6763, 34.0729

Rectangle

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



24.6193, 22.6763, 27.1241



24.1670, 22.6763, 20.0942



18.7528, 22.6763, 22.4073



19.1349, 22.6763, 29.9395

Sweetspot

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



24.6200, 22.6773, 27.1246



49.4818, 50.0473, 56.1476



22.9915, 21.7131, 32.6853



11.1799, 11.2634, 12.6726



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.



24.6200, 22.6773, 27.1246



41.6466, 37.0544, 45.2813



23.6687, 22.2968, 22.1152



6.3355, 6.2733, 7.1467



12.0447, 6.0721, 6.7602



0.1984, 0.0981, 0.1978

Inverse Universe

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



24.6200, 22.6773, 27.1246



41.6466, 37.0544, 45.2813



24.9860, 28.9034, 33.5547



6.3355, 6.2733, 7.1467



12.0447, 6.0721, 6.7602



0.1984, 0.0981, 0.1978

Previews

White Background



This preview shows how the XYZ color 24.6193, 22.6763, 27.1241 looks on a white background.

Color Contrast Check

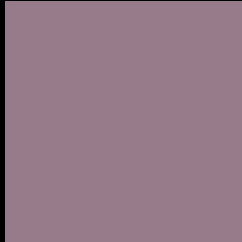
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6193, 22.6763, 27.1241 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 24.6193, 22.6763, 27.1241

Background



This preview shows how black text looks on a background with the XYZ color 24.6193, 22.6763, 27.1241.



This preview shows how white text looks on a background with the XYZ color 24.6193, 22.6763,

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

24.6193, 22.6763, 27.1241

Protanopia

22.0710, 22.6641, 28.8025

Deuteranopia

23.0892, 22.6476, 26.8214



Tritanopia

24.2038, 22.6881, 25.2939

Trichromacy



Original Color

24.6193, 22.6763, 27.1241

Protanomaly

22.8783, 22.5051, 28.3374

Deuteranomaly

23.6533, 22.7476, 26.8110

Tritanomaly

24.3433, 22.7439, 26.0286

Monochromacy



Original Color

24.6193, 22.6763, 27.1241

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.0386, 23.0252, 26.1517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6193, 22.6763, 27.1241 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, 123, 138)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 138)  
}
```

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, 123, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.6193, 22.6763, 27.1241 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, 123, 138) }
```


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

```
.border{ border-color:rgb(152, 123, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 123, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 123, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 123, 138);  
box-shadow:4px 4px 4px 4px rgb(152, 123,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6193, 22.6763, 27.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 138) }
```

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

```
.background{ background-color: rgb(152,  
123, 138) }
```

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