

Converting Colors

XYZ(27.1351, 29.2795, 22.8102)

Have a look what the booklet for
XYZ(27.1351, 29.2795, 22.8102)
contains.

XYZ(27.1140, 29.2853, 22.9625)	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(27.1140, 29.2853,
22.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	98947B
RGB	152, 148, 123
RGB Percent	60%, 58%, 48%
CMY	0.4039, 0.4196, 0.5176
CMYK	0.00, 0.03, 0.19, 0.40
HSL	52°, 12%, 54%
HSV	52°, 19%, 60%
XYZ	27.1140, 29.2853, 22.9625
YIQ	146.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

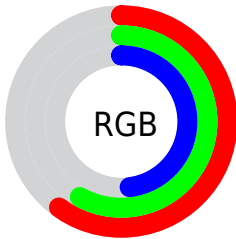
Format	Color
R_{YB}	128, 152, 123
Decimal	9999483
CIE Lab	61.03, -2.89, 13.77
CIE LCh	61, 14.069, 101.859
Yxy	29.2853, 0.3417, 0.3690
Android (android.graphics.Color)	4288189563 (0xFF98947B)
YUV	146.3460, -11.5096, 4.9586
Hunter-Lab	54.1159, -5.2679, 12.7231

Details

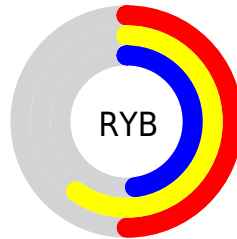
The XYZ color **27.1140, 29.2853, 22.9625** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.4252, 21.6563, 32.7569**, and the grayscale version is **27.5071, 28.9396, 31.5152**.

A 20% lighter version of the original color is **54.4106, 58.4975, 49.4977**, and **10.8776, 11.8105, 8.1849** is the 20% darker color. If you saturate the color by 10%, you get **25.9101, 28.2837, 18.2257**, and if you desaturate by 10%, it is **28.4732, 30.3605, 28.4808**.

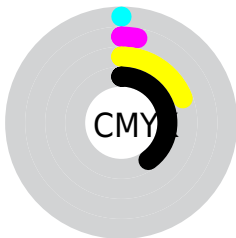
Distribution



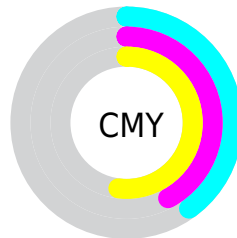
- Red (60%)
- Green (58%)
- Blue (48%)



- Red (50%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1140, 29.2853, 22.9625 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 27.1140, 29.2853, 22.9625 by changing the saturation by 10% instead.

■ 27.1140, 29.2853,
22.9625

■ 27.1140, 29.2853,
22.9625

280.3662,
298.5587, 280.6480

■ 17.7959, 19.2968,
14.3608

■ 54.4853, 58.5301,
49.2542

■ 10.9023, 11.8849,
8.2304

■ 73.2693, 78.5551,
67.7812

■ 6.0680, 6.6653,
4.1529

■ 95.9392, 102.6944,
90.4537

■ 2.9275, 3.2537,
1.7096

122.8605,
131.3323, 117.6903

■ 1.1156, 1.2656,
0.3673

154.3985,
164.8533, 149.9095

■ 0.0381, 0.1143,
0.0000

190.9185,

■ 0.0000, 0.0000,

203.6418, 187.5298

0.0000

232.7859,
248.0821, 230.9698

■ 27.1140, 29.2853,
22.9625

■ 27.1140, 29.2853,
22.9625

■ 25.9101, 28.2837,
18.2257

■ 28.4732, 30.3605,
28.4808

■ 24.8523, 27.3490,
14.2326

■ 29.9917, 31.5081,
34.8121

■ 23.9341, 26.4795,
10.9453

■ 31.6764, 32.7317,
41.9886

■ 23.1473, 25.6721,
8.3216

■ 33.5329, 34.0337,
50.0402

■ 22.4832, 24.9229,
6.3151

■ 35.5666, 35.4163,
58.9953

■ 21.9318, 24.2281,
4.8729

■ 37.7828, 36.8817,
68.8810

■ 21.4812, 23.5829,
3.9339

■ 40.1864, 38.4318,
79.7233

■ 21.1059, 22.9770,
3.3628

■ 42.7821, 40.0686,
91.5470

■ 21.0723, 22.9220,
3.3138

■ 44.7917, 41.4809,
100.2536

Harmonies

Analogous

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



28.9510, 29.2853, 23.1942



27.1140, 29.2853, 22.9625



25.5399, 29.2853, 24.9195

Triad

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



27.1140, 29.2853, 22.9625



25.2819, 29.2853, 39.1377



31.3343, 29.2853, 35.1469

Complementary

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



27.1140, 29.2853, 22.9625



21.4252, 21.6563, 32.7569

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.



30.2632, 29.2853, 40.0447



27.1140, 29.2853, 22.9625



26.7476, 29.2853, 42.5179

Square

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



27.1140, 29.2853, 22.9625



24.5138, 29.2853, 34.0148



28.5683, 29.2853, 42.8670



31.4430, 29.2853, 29.8493

Rectangle

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



27.1140, 29.2853, 22.9625



24.8300, 29.2853, 27.3424



28.5683, 29.2853, 42.8670



31.0727, 29.2853, 36.9086

Sweetspot

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



27.1148, 29.2866, 22.9631



51.0215, 54.1750, 53.4285



23.8859, 22.3832, 23.2604



11.5618, 12.2868, 11.9998



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.



27.1148, 29.2866, 22.9631



46.8982, 50.9048, 36.7127



25.9333, 29.6244, 23.0906



6.6363, 7.0777, 6.6222



17.6851, 19.2527, 2.7840



0.2819, 0.3229, 0.0475

Inverse Universe

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



21.4252, 21.6563, 32.7569



34.9285, 34.8531, 57.3201



22.4474, 21.4321, 32.6597



5.9498, 6.1569, 7.8038



4.9906, 2.3778, 25.1036



0.0901, 0.0666, 0.3805

Previews

White Background



This preview shows how the XYZ color 27.1140, 29.2853, 22.9625 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 27.1140, 29.2853, 22.9625 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 27.1140, 29.2853, 22.9625

Background



This preview shows how black text looks on a background with the XYZ color 27.1140, 29.2853, 22.9625.



This preview shows how white text looks on a background with the XYZ color 27.1140, 29.2853,

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

27.1140, 29.2853, 22.9625

Protanopia

27.4641, 29.2411, 22.6089

Deuteranopia

29.8887, 29.3473, 23.1581



Tritanopia

29.6000, 29.3810, 35.1214

Trichromacy



Original Color

27.1140, 29.2853, 22.9625

Protanomaly

27.2730, 29.1426, 22.6000

Deuteranomaly

28.7156, 29.1883, 23.1892

Tritanomaly

28.6009, 29.2025, 30.1158

Monochromacy



Original Color

27.1140, 29.2853, 22.9625

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.2339, 28.9983, 28.2066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1140, 29.2853, 22.9625 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, 148, 123)` looks like.

```
.text, #text, p{  
    color:rgb(152, 148, 123)  
}
```

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, 148, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 148, 123) }
```

Border

The CSS property to change the border of an element to XYZ 27.1140, 29.2853, 22.9625 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, 148, 123) }
```


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

```
.border{ border-color:rgb(152, 148, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 148, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 148, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 148, 123);  
box-shadow:4px 4px 4px 4px rgb(152, 148,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1140, 29.2853, 22.9625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 148, 123) }
```

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

```
.background{ background-color: rgb(152,  
148, 123) }
```

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