

Converting Colors

XYZ(24.7779, 28.9265, 22.7217)

Have a look what the booklet for
XYZ(24.7779, 28.9265, 22.7217)
contains.

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Color

**XYZ(24.8944, 29.0959,
22.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	88987A
RGB	136, 152, 122
RGB Percent	53%, 60%, 48%
CMY	0.4667, 0.4039, 0.5216
CMYK	0.11, 0.00, 0.20, 0.40
HSL	92°, 13%, 54%
HSV	92°, 20%, 60%
XYZ	24.8944, 29.0959, 22.7163
YIQ	143.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

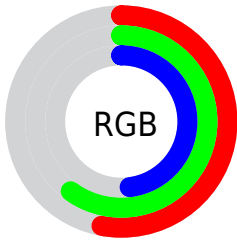
Format	Color
R_{YB}	122, 152, 138
Decimal	8951930
CIE _{Lab}	60.87, -11.41, 13.91
CIE _{LCh}	61, 17.991, 129.370
Yxy	29.0959, 0.3245, 0.3793
Android (android.graphics.Color)	4287142010 (0xFF88987A)
YUV	143.7960, -10.7454, -6.8371
Hunter-Lab	53.9406, -12.0157, 12.7893

Details

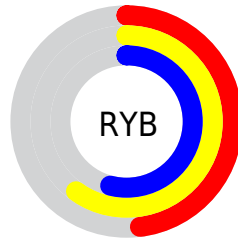
The XYZ color **24.8944, 29.0959, 22.7163** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.1095, 21.5902, 32.6567**, and the grayscale version is **26.4697, 27.8481, 30.3266**.

A 20% lighter version of the original color is **50.6976, 58.0174, 48.5708**, and **9.6940, 11.7668, 8.0636** is the 20% darker color. If you saturate the color by 10%, you get **22.7581, 28.0959, 18.0786**, and if you desaturate by 10%, it is **27.2792, 30.2087, 28.1359**.

Distribution



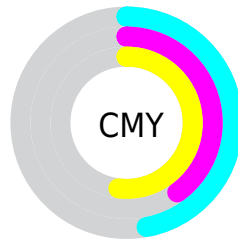
- Red (53%)
- Green (60%)
- Blue (48%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8944, 29.0959, 22.7163 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 24.8944, 29.0959, 22.7163 by changing the saturation by 10% instead.

■ 24.8944, 29.0959,
22.7163

■ 24.8944, 29.0959,
22.7163

269.6690,
297.6672, 279.3390

■ 16.1267, 19.1534,
14.1808

■ 50.9300, 58.2294,
48.8443

■ 9.7053, 11.7812,
8.1064

■ 68.9286, 78.1892,
67.2740

■ 5.2647, 6.5948,
4.0743

■ 90.7349, 102.2569,
89.8388

■ 2.4398, 3.2100,
1.6662

116.7142,
130.8168, 116.9573

■ 0.8650, 1.2423,
0.3374

147.2319,
164.2534, 149.0481

■ 0.0000, 0.0959,
0.0000

182.6534,

■ 0.0000, 0.0000,

202.9511, 186.5296

0.0000

223.3440,
247.2942, 229.8204

■ 24.8944, 29.0959,
22.7163

■ 24.8944, 29.0959,
22.7163

■ 22.7581, 28.0959,
18.0786

■ 27.2792, 30.2087,
28.1359

■ 20.8590, 27.2011,
14.1848

■ 29.9188, 31.4342,
34.3692

■ 19.1883, 26.4087,
10.9967

■ 32.8219, 32.7771,
41.4486

■ 17.7355, 25.7141,
8.4717

■ 35.9962, 34.2408,
49.4041

■ 16.4893, 25.1126,
6.5628

■ 39.4492, 35.8283,
58.2643

■ 15.4370, 24.5988,
5.2169

■ 43.1878, 37.5427,
68.0565

■ 14.5642, 24.1667,
4.3717

■ 47.2188, 39.3871,
78.8069

■ 13.8396, 23.8034,
3.8765

■ 51.5488, 41.3640,
90.5404

■ 13.8218, 23.7945,
3.8643

■ 55.5655, 43.2290,
100.0231

Harmonies

Analogous

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



26.9278, 29.0959, 20.5793



24.8944, 29.0959, 22.7163



23.6492, 29.0959, 27.3485

Triad

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



24.8944, 29.0959, 22.7163



26.0976, 29.0959, 45.3544



32.3422, 29.0959, 29.6260

Complementary

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



24.8944, 29.0959, 22.7163



23.1095, 21.5902, 32.6567

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.



32.0889, 29.0959, 36.4473



24.8944, 29.0959, 22.7163



28.3947, 29.0959, 46.1919

Square

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



24.8944, 29.0959, 22.7163



24.3162, 29.0959, 40.5897



30.6120, 29.0959, 42.7382



31.2858, 29.0959, 24.1808

Rectangle

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



24.8944, 29.0959, 22.7163



23.3901, 29.0959, 31.5388



30.6120, 29.0959, 42.7382



32.4086, 29.0959, 31.8226

Sweetspot

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



24.8952, 29.0972, 22.7169



49.7822, 54.0782, 53.4751



25.5514, 26.2587, 22.1345



11.2540, 12.2630, 12.0114



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.



24.8952, 29.0972, 22.7169



42.1030, 50.4970, 36.0563



22.8303, 28.0255, 22.9455



6.3924, 7.0598, 6.6316



11.6239, 19.9682, 3.2416



0.2152, 0.3199, 0.0504

Inverse Universe

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



23.1095, 21.5902, 32.6567



38.3233, 34.6083, 57.0939



25.4955, 22.8296, 32.3426



6.1833, 6.1804, 7.7960



7.6389, 3.3890, 25.1592



0.1562, 0.0723, 0.3781

Previews

White Background



This preview shows how the XYZ color 24.8944, 29.0959, 22.7163 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 24.8944, 29.0959, 22.7163 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 24.8944, 29.0959, 22.7163

Background



This preview shows how black text looks on a background with the XYZ color 24.8944, 29.0959, 22.7163.



This preview shows how white text looks on a background with the XYZ color 24.8944, 29.0959,

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

24.8944, 29.0959, 22.7163

Protanopia

27.1262, 28.8582, 21.5933

Deuteranopia

29.5252, 28.9400, 23.0986



Tritanopia

27.8471, 29.1214, 36.9542

Trichromacy



Original Color

24.8944, 29.0959, 22.7163

Protanomaly

26.1928, 28.8318, 21.9539

Deuteranomaly

27.6052, 28.8490, 22.8523

Tritanomaly

26.7510, 29.1457, 31.4099

Monochromacy



Original Color

24.8944, 29.0959, 22.7163

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.8622, 28.3077, 27.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8944, 29.0959, 22.7163 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(136, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(136, 152, 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(136, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 152, 122) }
```

Border

The CSS property to change the border of an element to XYZ 24.8944, 29.0959, 22.7163 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(136, 152, 122) }
```


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

```
.border{ border-color:rgb(136, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 152, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 152, 122);  
box-shadow:4px 4px 4px 4px rgb(136, 152,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8944, 29.0959, 22.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 152, 122) }
```

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

```
.background{ background-color: rgb(136,  
152, 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](#).

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