

Converting Colors

XYZ(28.1389, 24.4351, 26.8672)

Have a look what the booklet for
XYZ(28.1389, 24.4351, 26.8672)
contains.

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Color

**XYZ(28.1759, 24.5181,
26.9143)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7B89
RGB	170, 123, 137
RGB Percent	67%, 48%, 54%
CMY	0.3333, 0.5176, 0.4627
CMYK	0.00, 0.28, 0.19, 0.33
HSL	342°, 22%, 57%
HSV	342°, 28%, 67%
XYZ	28.1759, 24.5181, 26.9143
YIQ	138.6490, 23.5180, 14.3180

Conversions

Conversions Part 2

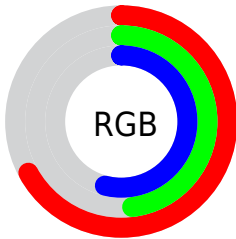
Format	Color
R_{YB}	170, 123, 137
Decimal	11172745
CIE _{Lab}	56.60, 20.44, -0.34
CIE _{LCh}	57, 20.447, 359.047
Yxy	24.5181, 0.3539, 0.3080
Android (android.graphics.Color)	4289362825 (0xFFAA7B89)
YUV	138.6490, -0.8130, 27.4948
Hunter-Lab	49.5158, 14.9191, 2.4339

Details

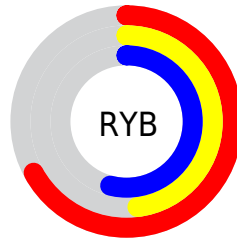
The XYZ color **28.1759, 24.5181, 26.9143** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5449, 35.3614, 36.7753**, and the grayscale version is **24.4030, 25.6738, 27.9588**.

A 20% lighter version of the original color is **56.1836, 50.9371, 55.5858**, and **11.5052, 9.3676, 10.2186** is the 20% darker color. If you saturate the color by 10%, you get **25.4379, 20.3373, 22.0081**, and if you desaturate by 10%, it is **31.3763, 29.4715, 32.4426**.

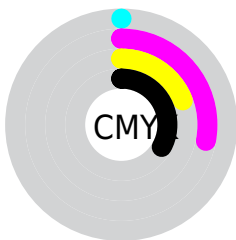
Distribution



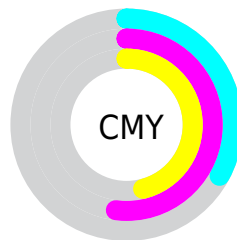
- Red (67%)
- Green (48%)
- Blue (54%)



- Red (67%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (33%)





- Cyan (33%)
- Magenta (52%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1759, 24.5181, 26.9143 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 28.1759, 24.5181, 26.9143 by changing the saturation by 10% instead.


 28.1759, 24.5181,
26.9143


 28.1759, 24.5181,
26.9143


285.3713,
275.4295, 300.9890


 18.5994, 15.7184,
17.2770


 56.1718, 50.8744,
55.7484

 11.4835, 9.3251,
10.2681


 75.3220, 69.1997,
75.7822

 6.4627, 4.9538,
5.4692


 98.3941, 91.4690,
100.1187

 3.1717, 2.2202,
2.4616

125.7535,
118.0667, 129.1763

 1.2452, 0.7310,
0.8197

157.7656,
149.3773, 163.3736

 0.1416, 0.0000,
0.0000

194.7957,

 0.0000, 0.0000,

185.7850, 203.1291

0.0000

237.2092,
227.6742, 248.8614

■ 28.1759, 24.5181,
26.9143

■ 28.1759, 24.5181,
26.9143

■ 25.4379, 20.3373,
22.0081

■ 31.3763, 29.4715,
32.4426

■ 23.1382, 16.8867,
17.7001

■ 35.0574, 35.2303,
38.6128

■ 21.2536, 14.1247,
13.9668

■ 39.2392, 41.8298,
45.4456

■ 19.7579, 12.0044,
10.7826

■ 43.9399, 49.3018,
52.9605

■ 18.6217, 10.4729,
8.1197

■ 49.1768, 57.6769,
61.1758

■ 17.8111, 9.4686,
5.9476

■ 54.9662, 66.9838,
70.1094

■ 17.2740, 8.8942,
4.2279

■ 61.3238, 77.2502,
79.7785

■ 17.1671, 8.7819,
3.8796

■ 66.9740, 85.9206,
89.7693

■ 68.7329, 86.6242,
99.0317

Harmonies

Analogous

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



27.4447, 24.5181, 34.0059



28.1759, 24.5181, 26.9143



27.5296, 24.5181, 20.8348

Triad

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



28.1759, 24.5181, 26.9143



21.1555, 24.5181, 16.8147



21.0323, 24.5181, 39.5602

Complementary

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



28.1759, 24.5181, 26.9143



28.5449, 35.3614, 36.7753

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.



19.5341, 24.5181, 33.5648



28.1759, 24.5181, 26.9143



19.6017, 24.5181, 20.5168

Square

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



28.1759, 24.5181, 26.9143



23.3798, 24.5181, 15.6357



19.0283, 24.5181, 26.4790



23.2278, 24.5181, 42.0291

Rectangle

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



28.1759, 24.5181, 26.9143



26.4278, 24.5181, 17.9846



19.0283, 24.5181, 26.4790



20.4361, 24.5181, 37.8453

Sweetspot

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



28.1766, 24.5192, 26.9148



63.2521, 63.3628, 69.4701



28.0305, 24.1274, 41.2102



13.8744, 13.7674, 15.1086



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.1766, 24.5192, 26.9148



48.0665, 39.8060, 43.4003



28.4592, 26.5885, 22.3724



7.6196, 7.5777, 8.3142



12.6502, 6.4688, 2.9695



0.3300, 0.1663, 0.1892

Inverse Universe

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



28.1766, 24.5192, 26.9148



48.0665, 39.8060, 43.4003



28.1000, 32.4642, 42.8157



7.6196, 7.5777, 8.3142



12.6502, 6.4688, 2.9695



0.3300, 0.1663, 0.1892

Previews

White Background



This preview shows how the XYZ color 28.1759, 24.5181, 26.9143 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 28.1759, 24.5181, 26.9143 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 28.1759, 24.5181, 26.9143

Background



This preview shows how black text looks on a background with the XYZ color 28.1759, 24.5181, 26.9143.



This preview shows how white text looks on a background with the XYZ color 28.1759, 24.5181,

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

28.1759, 24.5181, 26.9143

Protanopia

23.8514, 24.5758, 29.8721

Deuteranopia

25.0189, 24.6414, 26.3593



Tritanopia

28.0189, 24.6548, 25.4724

Trichromacy



Original Color

28.1759, 24.5181, 26.9143

Protanomaly

25.1368, 24.4516, 28.5941

Deuteranomaly

26.1988, 24.6462, 26.6689

Tritanomaly

28.0883, 24.6826, 25.8381

Monochromacy



Original Color

28.1759, 24.5181, 26.9143

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.5527, 25.0941, 27.5416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1759, 24.5181, 26.9143 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(170, 123, 137)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 137)  
}
```

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(170, 123, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.1759, 24.5181, 26.9143 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(170, 123, 137) }
```


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

```
.border{ border-color:rgb(170, 123, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 123, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 137);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1759, 24.5181, 26.9143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 137) }
```

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

```
.background{ background-color: rgb(170,  
123, 137) }
```

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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