

Converting Colors

XYZ(28.6891, 24.6115, 21.9548)

Have a look what the booklet for
XYZ(28.6891, 24.6115, 21.9548)
contains.

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Color

**XYZ(28.5440, 24.4519,
21.9542)**

Conversions

Conversions Part 1

Format	Color
Hex	B1797B
RGB	177, 121, 123
RGB Percent	69%, 47%, 48%
CMY	0.3059, 0.5255, 0.5176
CMYK	0.00, 0.32, 0.31, 0.31
HSL	358°, 26%, 58%
HSV	358°, 32%, 69%
XYZ	28.5440, 24.4519, 21.9542
YIQ	137.9720, 32.7340, 12.4940

Conversions

Conversions Part 2

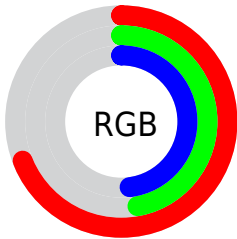
Format	Color
R_{YB}	177, 121, 123
Decimal	11630971
CIE _{Lab}	56.54, 22.17, 7.79
CIE _{LCh}	57, 23.500, 19.351
Yxy	24.4519, 0.3808, 0.3262
Android (android.graphics.Color)	4289821051 (0xFFB1797B)
YUV	137.9720, -7.3812, 34.2276
Hunter-Lab	49.4489, 16.5023, 8.2908

Details

The XYZ color **28.5440, 24.4519, 21.9542** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.3462, 38.6049, 46.3587**, and the grayscale version is **24.1659, 25.4244, 27.6871**.

A 20% lighter version of the original color is **56.8056, 50.8597, 47.3804**, and **11.7218, 9.3401, 7.6636** is the 20% darker color. If you saturate the color by 10%, you get **25.6101, 20.1475, 16.1562**, and if you desaturate by 10%, it is **32.0602, 29.6224, 28.8660**.

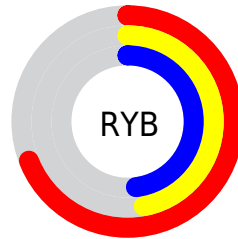
Distribution



Red (69%)

Green (47%)

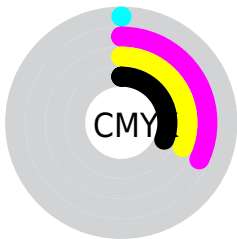
Blue (48%)



Red (69%)

Yellow (47%)

Blue (48%)

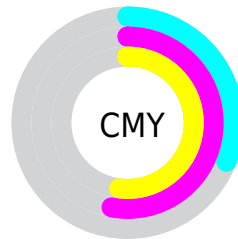


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (31%)



Cyan (31%)


Magenta (53%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5440, 24.4519, 21.9542 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 28.5440, 24.4519, 21.9542 by changing the saturation by 10% instead.

 28.5440, 24.4519,
21.9542


 28.5440, 24.4519,
21.9542


287.0905,
275.0972, 275.2527


 18.8787, 15.6692,
13.6253

 56.7544, 50.7666,
47.5715

 11.6861, 9.2904,
7.7247


 76.0302, 69.0674,
65.6970

 6.6010, 4.9311,
3.8341


 99.2402, 91.3097,
87.9250

 3.2579, 2.2069,
1.5348

126.7497,
117.8779, 114.6741

 1.2916, 0.7237,
0.2436

158.9241,
149.1563, 146.3629

 0.1769, 0.0000,
0.0000

196.1288,

 0.0000, 0.0000,

185.5294, 183.4099

0.0000

238.7292,
227.3816, 226.2337

■ 28.5440, 24.4519,
21.9542

■ 28.5440, 24.4519,
21.9542

■ 25.6101, 20.1475,
16.1562

■ 32.0602, 29.6224,
28.8660

■ 23.2252, 16.6587,
11.4125

■ 36.1857, 35.6991,
36.9439

■ 21.3559, 13.9350,
7.6599

■ 40.9480, 42.7238,
46.2390

■ 19.9639, 11.9191,
4.8284

■ 46.3727, 50.7344,
56.7987

■ 19.0061, 10.5453,
2.8385

■ 52.4837, 59.7672,
68.6677

■ 18.4312, 9.7359,
1.5974

■ 59.3039, 69.8562,
81.8890

■ 18.1661, 9.3610,
1.0306

■ 66.8548, 81.0342,
96.5032

■ 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



28.7807, 24.4519, 29.4947



28.5440, 24.4519, 21.9542



26.8243, 24.4519, 16.7834

Triad

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



28.5440, 24.4519, 21.9542



19.4873, 24.4519, 17.9953



22.2858, 24.4519, 44.2648

Complementary

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



28.5440, 24.4519, 21.9542



31.3462, 38.6049, 46.3587

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.



19.9915, 24.4519, 39.7112



28.5440, 24.4519, 21.9542



18.4618, 24.4519, 23.9458

Square

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



28.5440, 24.4519, 21.9542



21.5473, 24.4519, 14.8259



18.6388, 24.4519, 31.9130



25.0208, 24.4519, 43.4428

Rectangle

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



28.5440, 24.4519, 21.9542



25.1382, 24.4519, 14.9047



18.6388, 24.4519, 31.9130



21.4414, 24.4519, 43.2818

Sweetspot

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



28.5447, 24.4531, 21.9547



66.8161, 66.8976, 70.0907



32.2740, 25.8719, 44.8879



14.2283, 14.1265, 14.6979



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.5447, 24.4531, 21.9547



47.3308, 38.2295, 31.8343



31.8931, 31.3480, 22.4604



8.5082, 8.5100, 8.9088



13.1668, 6.7843, 0.7722



0.4183, 0.2151, 0.0456

Inverse Universe

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



28.5447, 24.4531, 21.9547



47.3308, 38.2295, 31.8343



27.0178, 29.6319, 45.8907



8.5082, 8.5100, 8.9088



13.1668, 6.7843, 0.7722



0.4183, 0.2151, 0.0456

Previews

White Background



This preview shows how the XYZ color 28.5440, 24.4519, 21.9542 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 28.5440, 24.4519, 21.9542 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 28.5440, 24.4519, 21.9542

Background



This preview shows how black text looks on a background with the XYZ color 28.5440, 24.4519, 21.9542.



This preview shows how white text looks on a background with the XYZ color 28.5440, 24.4519,

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

28.5440, 24.4519, 21.9542

Protanopia

23.5759, 24.5421, 24.9672

Deuteranopia

24.8939, 24.4831, 21.5028



Tritanopia

29.0390, 24.4829, 23.9640

Trichromacy



Original Color

28.5440, 24.4519, 21.9542

Protanomaly

25.0158, 24.2961, 23.7932

Deuteranomaly

26.0025, 24.2653, 21.7255

Tritanomaly

28.9073, 24.4302, 23.2706

Monochromacy



Original Color

28.5440, 24.4519, 21.9542

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4338, 24.8714, 25.6505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5440, 24.4519, 21.9542 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(177, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(177, 121, 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(177, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 121, 123) }
```

Border

The CSS property to change the border of an element to XYZ 28.5440, 24.4519, 21.9542 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(177, 121, 123) }
```


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

```
.border{ border-color:rgb(177, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(177, 121,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5440, 24.4519, 21.9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 121, 123) }
```

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

```
.background{ background-color: rgb(177,  
121, 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](#).

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