

Converting Colors

XYZ(28.7681, 24.1973, 22.5318)

Have a look what the booklet for
XYZ(28.7681, 24.1973, 22.5318)
contains.

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Color

**XYZ(28.6586, 24.1393,
22.5509)**

Conversions

Conversions Part 1

Format	Color
Hex	B2777D
RGB	178, 119, 125
RGB Percent	70%, 47%, 49%
CMY	0.3020, 0.5333, 0.5098
CMYK	0.00, 0.33, 0.30, 0.30
HSL	354°, 28%, 58%
HSV	354°, 33%, 70%
XYZ	28.6586, 24.1393, 22.5509
YIQ	137.3250, 33.2380, 14.3740

Conversions

Conversions Part 2

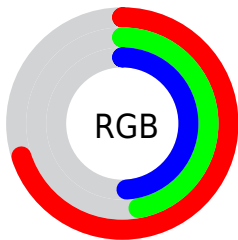
Format	Color
R_{YB}	178, 119, 125
Decimal	11695997
CIE _{Lab}	56.23, 23.96, 6.20
CIE _{LCh}	56, 24.747, 14.506
Yxy	24.1393, 0.3803, 0.3204
Android (android.graphics.Color)	4289886077 (0xFFB2777D)
YUV	137.3250, -6.0762, 35.6720
Hunter-Lab	49.1318, 18.1386, 7.1788

Details

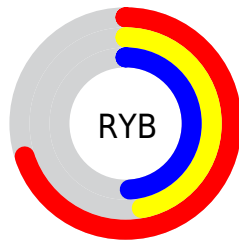
The XYZ color **28.6586, 24.1393, 22.5509** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.9756, 38.7419, 44.8771**, and the grayscale version is **23.9149, 25.1603, 27.3996**.

A 20% lighter version of the original color is **57.0494, 50.3816, 48.8373**, and **11.8068, 9.1872, 7.9885** is the 20% darker color. If you saturate the color by 10%, you get **25.7946, 19.9165, 16.9556**, and if you desaturate by 10%, it is **32.0852, 29.2237, 29.1457**.

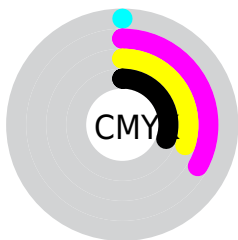
Distribution



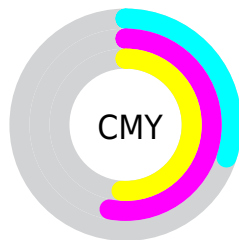
- Red (70%)
- Green (47%)
- Blue (49%)



- Red (70%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (30%)




- Cyan (30%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6586, 24.1393, 22.5509 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 28.6586, 24.1393, 22.5509 by changing the saturation by 10% instead.

 28.6586, 24.1393,
22.5509


 28.6586, 24.1393,
22.5509


287.6241,
273.5240, 278.4566


 18.9657, 15.4370,
14.0601


 56.9355, 50.2574,
48.5687

 11.7493, 9.1266,
8.0232


 76.2503, 68.4420,
66.9327

 6.6442, 4.8239,
4.0218


 99.5030, 90.5562,
89.4248

 3.2850, 2.1443,
1.6373

127.0591,
116.9843, 116.4636

 1.3062, 0.6894,
0.3172

159.2839,
148.1107, 148.4677

 0.1878, 0.0000,
0.0000

196.5428,

 0.0000, 0.0000,

184.3199, 185.8555

0.0000

239.2010,
225.9962, 229.0457

■ 28.6586, 24.1393,
22.5509

■ 28.6586, 24.1393,
22.5509

■ 25.7946, 19.9165,
16.9556

■ 32.0852, 29.2237,
29.1457

■ 23.4611, 16.5043,
12.3095

■ 36.1001, 35.2100,
36.7840

■ 21.6259, 13.8516,
8.5602


■ 40.7301, 42.1404,
45.5089

■ 20.2524, 11.9003,
5.6497


■ 45.9994, 50.0532,
55.3606


■ 19.2991, 10.5836,
3.5130


■ 51.9312, 58.9847,
66.3773


 18.7166, 9.8219,
2.0754

 58.5474, 68.9692,
78.5955

 18.4701, 9.5090,
1.4381

 65.8689, 80.0395,
92.0499

 71.8383, 88.0722,
106.0815

 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



28.6303, 24.1393, 30.6956



28.6586, 24.1393, 22.5509



27.0711, 24.1393, 16.7587

Triad

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



28.6586, 24.1393, 22.5509



19.3182, 24.1393, 16.6175



21.5129, 24.1393, 44.4596

Complementary

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



28.6586, 24.1393, 22.5509



30.9756, 38.7419, 44.8771

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.



19.2587, 24.1393, 38.8686



28.6586, 24.1393, 22.5509



18.0648, 24.1393, 22.3160

Square

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



28.6586, 24.1393, 22.5509



21.6004, 24.1393, 13.8451



18.0440, 24.1393, 30.4070



24.3416, 24.1393, 44.5590

Rectangle

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



28.6586, 24.1393, 22.5509



25.3801, 24.1393, 14.5253



18.0440, 24.1393, 30.4070



20.6684, 24.1393, 43.1158

Sweetspot

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



28.6593, 24.1405, 22.5514



67.8408, 67.4024, 71.1962



31.4535, 25.0802, 45.3028



14.7811, 14.5607, 15.3032



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.6593, 24.1405, 22.5514



47.9589, 37.8553, 33.0724



31.3067, 30.0300, 21.6006



8.5303, 8.5188, 9.0250



13.2271, 6.8084, 1.0898



0.4275, 0.2188, 0.0941

Inverse Universe

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



28.6593, 24.1405, 22.5514



47.9589, 37.8553, 33.0724



27.4299, 30.7078, 46.6011



8.5303, 8.5188, 9.0250



13.2271, 6.8084, 1.0898



0.4275, 0.2188, 0.0941

Previews

White Background



This preview shows how the XYZ color 28.6586, 24.1393, 22.5509 looks on a white background.

Color Contrast Check

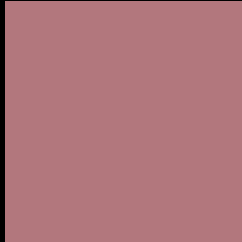
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6586, 24.1393, 22.5509 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 28.6586, 24.1393, 22.5509

Background



This preview shows how black text looks on a background with the XYZ color 28.6586, 24.1393, 22.5509.



This preview shows how white text looks on a background with the XYZ color 28.6586, 24.1393,

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

28.6586, 24.1393, 22.5509

Protanopia

23.4483, 24.4524, 26.0382

Deuteranopia

24.6947, 24.1676, 22.1022



Tritanopia

28.8532, 24.2171, 23.5757

Trichromacy



Original Color

28.6586, 24.1393, 22.5509

Protanomaly

25.0839, 24.1115, 24.8047

Deuteranomaly

25.9992, 24.0583, 22.3422

Tritanomaly

28.7877, 24.1909, 23.2307

Monochromacy



Original Color

28.6586, 24.1393, 22.5509

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1652, 24.3341, 25.5609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6586, 24.1393, 22.5509 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(178, 119, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 119, 125)  
}
```

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(178, 119, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 119, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.6586, 24.1393, 22.5509 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(178, 119, 125) }
```


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

```
.border{ border-color:rgb(178, 119, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 119, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 119, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 119, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 119,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6586, 24.1393, 22.5509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 119, 125) }
```

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

```
.background{ background-color: rgb(178,  
119, 125) }
```

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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