

Converting Colors

XYZ(28.4788, 22.2559, 26.6294)

Have a look what the booklet for
XYZ(28.4788, 22.2559, 26.6294)
contains.

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Color

**XYZ(28.5744, 22.3271,
26.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	B36D89
RGB	179, 109, 137
RGB Percent	70%, 43%, 54%
CMY	0.2980, 0.5725, 0.4627
CMYK	0.00, 0.39, 0.23, 0.30
HSL	336°, 32%, 56%
HSV	336°, 39%, 70%
XYZ	28.5744, 22.3271, 26.4704
YIQ	133.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

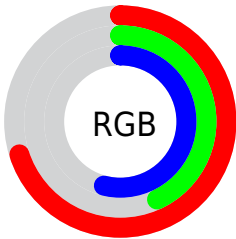
Format	Color
R _Y B	179, 109, 137
Decimal	11758985
CIE Lab	54.37, 31.62, -3.49
CIE LCh	54, 31.815, 353.699
Yxy	22.3271, 0.3693, 0.2886
Android (android.graphics.Color)	4289949065 (0xFFB36D89)
YUV	133.1220, 1.9119, 40.2350
Hunter-Lab	47.2516, 25.2539, -0.1383

Details

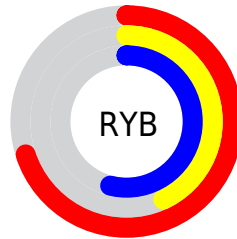
The XYZ color **28.5744, 22.3271, 26.4704** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **28.0137, 37.7264, 35.0855**, and the grayscale version is **22.3242, 23.4868, 25.5771**.

A 20% lighter version of the original color is **56.8067, 47.3912, 54.8686**, and **11.7417, 8.1760, 9.9761** is the 20% darker color. If you saturate the color by 10%, you get **26.1232, 18.5969, 22.0395**, and if you desaturate by 10%, it is **31.4924, 26.8678, 31.4359**.

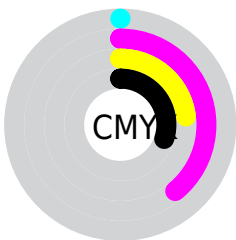
Distribution



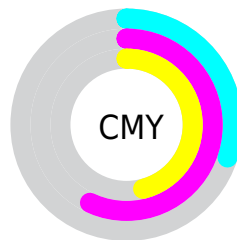
- Red (70%)
- Green (43%)
- Blue (54%)



- Red (70%)
- Yellow (43%)
- Blue (54%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (30%)




- Cyan (30%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5744, 22.3271, 26.4704 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 28.5744, 22.3271, 26.4704 by changing the saturation by 10% instead.


 28.5744, 22.3271,
26.4704


 28.5744, 22.3271,
26.4704

287.2321,
264.2497, 298.7623


 18.9018, 14.0974,
16.9470


 56.8025, 47.2860,
55.0262


 11.7029, 8.1885,
10.0351


 76.0886, 64.7841,
74.8957

 6.6125, 4.2158,
5.3163


 99.3099, 86.1404,
99.0509

 3.2651, 1.7950,
2.3721

 126.8318,
111.7394, 127.9104

 1.2955, 0.4840,
0.7712

159.0196,
141.9654, 161.8928

 0.1798, 0.0000,
0.0000

196.2387,

 0.0000, 0.0000,

177.2029, 201.4165

0.0000

238.8544,
217.8362, 246.9002

■ 28.5744, 22.3271,
26.4704

■ 28.5744, 22.3271,
26.4704

■ 26.1232, 18.5969,
22.0395

■ 31.4924, 26.8678,
31.4359

■ 24.1110, 15.6256,
18.1220

■ 34.8992, 32.2601,
36.9531

■ 22.5097, 13.3605,
14.6975


■ 38.8177, 38.5463,
43.0400


■ 21.2868, 11.7410,
11.7430


■ 43.2686, 45.7648,
49.7133


■ 20.4049, 10.6959,
9.2330


■ 48.2715, 53.9516,
56.9889


 19.7959, 10.0938,
7.1315

 53.8452, 63.1412,
64.8823

 19.7470, 10.0464,
6.9601

 60.0072, 73.3659,
73.4080

 66.7745, 84.6570,
82.5804

 69.1539, 87.0251,
90.7434

Harmonies

Analogous

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



27.0705, 22.3271, 37.4810



28.5744, 22.3271, 26.4704



27.9417, 22.3271, 17.4057

Triad

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



28.5744, 22.3271, 26.4704



18.6489, 22.3271, 10.6672



17.5083, 22.3271, 43.2091

Complementary

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



28.5744, 22.3271, 26.4704



28.0137, 37.7264, 35.0855

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.



15.6753, 22.3271, 32.8354



28.5744, 22.3271, 26.4704



16.2818, 22.3271, 14.6551

Square

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



28.5744, 22.3271, 26.4704



21.9626, 22.3271, 9.8259



15.2520, 22.3271, 22.2713



20.4967, 22.3271, 48.7034

Rectangle

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



28.5744, 22.3271, 26.4704



26.4243, 22.3271, 13.3473



15.2520, 22.3271, 22.2713



16.7504, 22.3271, 40.0604

Sweetspot

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



28.5750, 22.3282, 26.4708



67.2460, 65.3708, 73.5939



26.3687, 20.7724, 45.2678



14.6957, 14.1574, 15.9914



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.



28.5750, 22.3282, 26.4708



47.3151, 34.1023, 40.4583



27.5969, 23.1797, 17.4889



8.6325, 8.5597, 9.5631



13.9844, 7.1113, 5.0780



0.4692, 0.2354, 0.3136

Inverse Universe

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



28.5750, 22.3282, 26.4708



47.3151, 34.1023, 40.4583



29.1966, 36.0116, 48.0602



8.6325, 8.5597, 9.5631



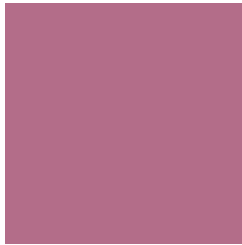
13.9844, 7.1113, 5.0780



0.4692, 0.2354, 0.3136

Previews

White Background



This preview shows how the XYZ color 28.5744, 22.3271, 26.4704 looks on a white background.

Color Contrast Check

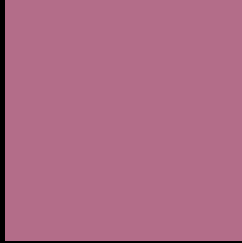
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5744, 22.3271, 26.4704 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 28.5744, 22.3271, 26.4704

Background



This preview shows how black text looks on a background with the XYZ color 28.5744, 22.3271, 26.4704.



This preview shows how white text looks on a background with the XYZ color 28.5744, 22.3271,

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

28.5744, 22.3271, 26.4704

Protanopia

22.1077, 22.4145, 32.0154

Deuteranopia

22.7484, 22.3057, 25.6607



Tritanopia

27.3158, 22.2915, 20.6323

Trichromacy



Original Color

28.5744, 22.3271, 26.4704

Protanomaly

23.9244, 22.0744, 29.7879

Deuteranomaly

24.6072, 22.1508, 25.9003

Tritanomaly

27.8104, 22.3402, 22.5850

Monochromacy



Original Color

28.5744, 22.3271, 26.4704

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.0884, 22.6206, 25.6509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5744, 22.3271, 26.4704 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(179, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(179, 109, 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(179, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 109, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.5744, 22.3271, 26.4704 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(179, 109, 137) }
```


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

```
.border{ border-color:rgb(179, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 109, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 109, 137);  
box-shadow:4px 4px 4px 4px rgb(179, 109,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5744, 22.3271, 26.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 109, 137) }
```

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

```
.background{ background-color: rgb(179,  
109, 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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