

Converting Colors

XYZ(28.8673, 21.4050, 26.6549)

Have a look what the booklet for
XYZ(28.8673, 21.4050, 26.6549)
contains.

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Color

**XYZ(28.8673, 21.4050,
26.6549)**

Conversions

Conversions Part 1

Format	Color
Hex	B7668A
RGB	183, 102, 138
RGB Percent	72%, 40%, 54%
CMY	0.2824, 0.6000, 0.4588
CMYK	0.00, 0.44, 0.25, 0.28
HSL	333°, 36%, 56%
HSV	333°, 44%, 72%
XYZ	28.8673, 21.4050, 26.6549
YIQ	130.3230, 36.7200, 28.3680

Conversions

Conversions Part 2

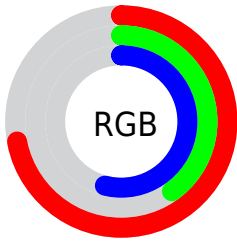
Format	Color
R _Y B	183, 102, 138
Decimal	12019338
CIE Lab	53.39, 37.00, -5.48
CIE LCh	53, 37.401, 351.582
Yxy	21.4050, 0.3753, 0.2783
Android (android.graphics.Color)	4290209418 (0xFFB7668A)
YUV	130.3230, 3.7848, 46.1977
Hunter-Lab	46.2655, 30.4101, -1.7728

Details

The XYZ color **28.8673, 21.4050, 26.6549** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.6805, 38.7990, 33.6357**, and the grayscale version is **21.3110, 22.4208, 24.4162**.

A 20% lighter version of the original color is **57.4009, 45.9050, 55.1254**, and **11.8915, 7.7498, 10.1016** is the 20% darker color. If you saturate the color by 10%, you get **26.5614, 17.9164, 22.4230**, and if you desaturate by 10%, it is **31.6404, 25.7172, 31.3830**.

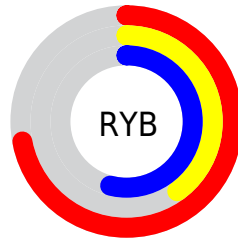
Distribution



Red (72%)

Green (40%)

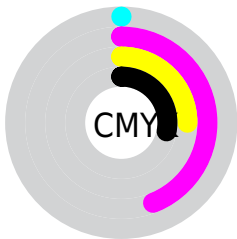
Blue (54%)



Red (72%)

Yellow (40%)

Blue (54%)

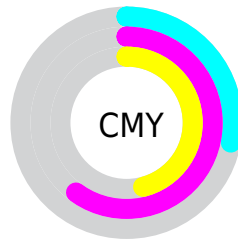


Cyan (0%)

Magenta (44%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (60%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8673, 21.4050, 26.6549 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 28.8673, 21.4050, 26.6549 by changing the saturation by 10% instead.

 28.8673, 21.4050,
26.6549


 28.8673, 21.4050,
26.6549


288.5938,
259.4231, 299.6894


 19.1242, 13.4204,
17.0841


 57.2652, 45.7606,
55.3266


 11.8646, 7.7186,
10.1319


 76.6508, 62.9004,
75.2645

 6.7231, 3.9154,
5.3797

 99.9812, 83.8606,
99.4952

 3.3343, 1.6264,
2.4091

 127.6218,
109.0257, 128.4373

 1.3329, 0.3753,
0.7914

159.9381,
138.7802, 162.5092

 0.2077, 0.0000,
0.0000

197.2952,

 0.0000, 0.0000,

173.5083, 202.1295

0.0000

240.0587,
213.5944, 247.7167

■ 28.8673, 21.4050,
26.6549

■ 28.8673, 21.4050,
26.6549

■ 26.5614, 17.9164,
22.4230

■ 31.6404, 25.7172,
31.3830

■ 24.6924, 15.1947,
18.6672

■ 34.9045, 30.8986,
36.6236

■ 23.2295, 13.1808,
15.3678


■ 38.6843, 36.9951,
42.3935


■ 22.1364, 11.8058,
12.5026


■ 43.0018, 44.0485,
48.7086


■ 21.3697, 10.9863,
10.0464


■ 47.8780, 52.0980,
55.5837

 21.0261, 10.6664,
8.8000

 53.3326, 61.1806,
63.0333

 59.3845, 71.3315,
71.0711

 66.0515, 82.5839,
79.7105

 69.5021, 87.2728,
87.6815

Harmonies

Analogous

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



26.9297, 21.4050, 39.6983



28.8673, 21.4050, 26.6549



28.2992, 21.4050, 16.1553

Triad

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



28.8673, 21.4050, 26.6549



17.6645, 21.4050, 8.3169



15.9612, 21.4050, 44.9696

Complementary

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



28.8673, 21.4050, 26.6549



27.6805, 38.7990, 33.6357

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.



14.0409, 21.4050, 32.3067



28.8673, 21.4050, 26.6549



14.9317, 21.4050, 12.1916

Square

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



28.8673, 21.4050, 26.6549



21.4827, 21.4050, 7.6813



13.6902, 21.4050, 20.2508



19.2479, 21.4050, 52.3053

Rectangle

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



28.8673, 21.4050, 26.6549



26.6044, 21.4050, 11.6011



13.6902, 21.4050, 20.2508



15.1532, 21.4050, 41.0318

Sweetspot

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



28.8679, 21.4060, 26.6553



70.0448, 67.4959, 77.0615



25.2517, 19.0844, 47.1528



15.1179, 14.3349, 16.4935



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.8679, 21.4060, 26.6553



47.7146, 32.3018, 40.4342



27.0867, 21.3461, 15.2642



9.1660, 9.0768, 10.2215



14.7016, 7.4544, 6.3153



0.5495, 0.2753, 0.3871

Inverse Universe

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



28.8679, 21.4060, 26.6553



47.7146, 32.3018, 40.4342



30.1376, 38.4645, 50.6360



9.1660, 9.0768, 10.2215



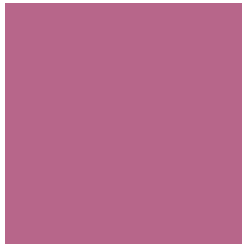
14.7016, 7.4544, 6.3153



0.5495, 0.2753, 0.3871

Previews

White Background



This preview shows how the XYZ color 28.8673, 21.4050, 26.6549 looks on a white background.

Color Contrast Check

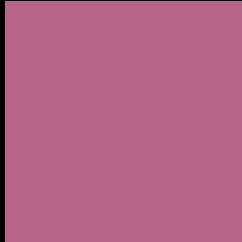
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8673, 21.4050, 26.6549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

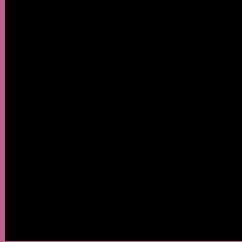
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8673, 21.4050, 26.6549

Background



This preview shows how black text looks on a background with the XYZ color 28.8673, 21.4050, 26.6549.



This preview shows how white text looks on a background with the XYZ color 28.8673, 21.4050,

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

28.8673, 21.4050, 26.6549

Protanopia

21.4481, 21.6494, 33.6202

Deuteranopia

21.9920, 21.5398, 25.5528



Tritanopia

27.2474, 21.3467, 18.6038

Trichromacy



Original Color

28.8673, 21.4050, 26.6549

Protanomaly

23.3253, 21.0243, 30.8457

Deuteranomaly

23.9450, 21.1101, 25.7343

Tritanomaly

27.9181, 21.4783, 21.4132

Monochromacy



Original Color

28.8673, 21.4050, 26.6549

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.3445, 21.5160, 25.1129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8673, 21.4050, 26.6549 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(183, 102, 138)` looks like.

```
.text, #text, p{  
    color:rgb(183, 102, 138)  
}
```

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(183, 102, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 102, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.8673, 21.4050, 26.6549 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(183, 102, 138) }
```


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

```
.border{ border-color:rgb(183, 102, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 102, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 102, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 102, 138);  
box-shadow:4px 4px 4px 4px rgb(183, 102,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8673, 21.4050, 26.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 102, 138) }
```

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

```
.background{ background-color: rgb(183,  
102, 138) }
```

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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