

Converting Colors

XYZ(29.0410, 22.4934, 17.9690)

Have a look what the booklet for
XYZ(29.0410, 22.4934, 17.9690)
contains.

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Color

**XYZ(28.8660, 22.3545,
17.8324)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6B6F
RGB	188, 107, 111
RGB Percent	74%, 42%, 44%
CMY	0.2627, 0.5804, 0.5647
CMYK	0.00, 0.43, 0.41, 0.26
HSL	357°, 38%, 58%
HSV	357°, 43%, 74%
XYZ	28.8660, 22.3545, 17.8324
YIQ	131.6750, 46.9920, 18.4160

Conversions

Conversions Part 2

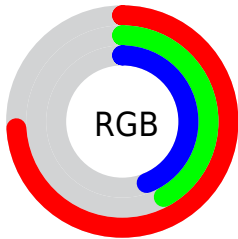
Format	Color
R_{YB}	188, 107, 111
Decimal	12348271
CIE Lab	54.40, 32.63, 11.96
CIE LCh	54, 34.756, 20.122
Yxy	22.3545, 0.4180, 0.3237
Android (android.graphics.Color)	4290538351 (0xFFBC6B6F)
YUV	131.6750, -10.1928, 49.3970
Hunter-Lab	47.2805, 26.2379, 10.7345

Details

The XYZ color **28.8660, 22.3545, 17.8324** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.6995, 42.5534, 51.8401**, and the grayscale version is **21.8394, 22.9768, 25.0217**.

A 20% lighter version of the original color is **57.5394, 47.5601, 40.7977**, and **11.8761, 8.1907, 5.6576** is the 20% darker color. If you saturate the color by 10%, you get **26.2271, 18.4972, 12.5737**, and if you desaturate by 10%, it is **32.1291, 27.1450, 24.2710**.

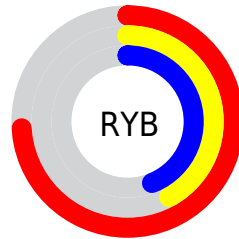
Distribution



Red (74%)

Green (42%)

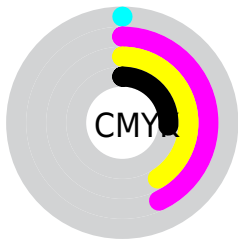
Blue (44%)



Red (74%)

Yellow (42%)

Blue (44%)

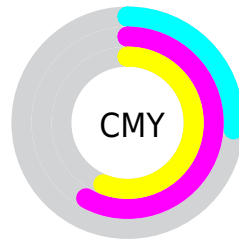


Cyan (0%)

Magenta (43%)

Yellow (41%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8660, 22.3545, 17.8324 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 28.8660, 22.3545, 17.8324 by changing the saturation by 10% instead.


 28.8660, 22.3545,
17.8324


 28.8660, 22.3545,
17.8324


288.5878,
264.3920, 252.1290


 19.1232, 14.1176,
10.6615


 57.2632, 47.3312,
40.5616


 11.8639, 8.2025,
5.7284


 76.6483, 64.8398,
56.9570

 6.7226, 4.2248,
2.6146


 99.9782, 86.2078,
77.2644

 3.3340, 1.8001,
0.9000

 127.6183,
111.8196, 101.9022

 1.3328, 0.4872,
0.0000

159.9340,
142.0594, 131.2890

 0.2075, 0.0000,
0.0000

197.2906,

 0.0000, 0.0000,

177.3119, 165.8434

0.0000

240.0534,
217.9613, 205.9839

■ 28.8660, 22.3545,
17.8324

■ 28.8660, 22.3545,
17.8324

■ 26.2271, 18.4972,
12.5737

■ 32.1291, 27.1450,
24.2710

■ 24.1709, 15.5092,
8.4222

■ 36.0508, 32.9204,
31.9536

■ 22.6538, 13.3239,
5.2990


■ 40.6652, 39.7327,
40.9415


■ 21.6250, 11.8638,
3.1143


■ 46.0035, 47.6292,
51.2914


■ 21.0244, 11.0359,
1.7629


■ 52.0949, 56.6544,
63.0566

 20.7898, 10.7117,
1.2381

 58.9671, 66.8501,
76.2875

 66.6463, 78.2561,
91.0324

 74.3855, 89.3659,
107.0795

 74.5490, 89.4314,
107.9406

Harmonies

Analogous

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



29.2819, 22.3545, 28.1060



28.8660, 22.3545, 17.8324



26.2803, 22.3545, 11.5622

Triad

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



28.8660, 22.3545, 17.8324



16.1226, 22.3545, 13.2451



20.0193, 22.3545, 51.2962

Complementary

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



28.8660, 22.3545, 17.8324



32.6995, 42.5534, 51.8401

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.



16.9018, 22.3545, 44.1701



28.8660, 22.3545, 17.8324



14.8359, 22.3545, 20.9268

Square

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



28.8660, 22.3545, 17.8324



18.8333, 22.3545, 9.5132



15.1030, 22.3545, 32.2653



23.8592, 22.3545, 49.7241

Rectangle

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



28.8660, 22.3545, 17.8324



23.8275, 22.3545, 9.4968



15.1030, 22.3545, 32.2653



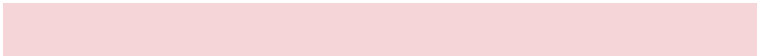
18.8604, 22.3545, 49.7733

Sweetspot

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



28.8666, 22.3556, 17.8328



73.5821, 71.8359, 73.9720



34.0906, 24.3316, 50.4766



15.4024, 14.8258, 15.0886



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.8666, 22.3556, 17.8328



47.6310, 33.6666, 22.9849



33.2838, 31.5342, 18.2439



9.5487, 9.5438, 10.0126



14.1630, 7.2963, 0.8858



0.5614, 0.2884, 0.0694

Inverse Universe

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



28.8666, 22.3556, 17.8328



47.6310, 33.6666, 22.9849



26.2969, 29.0684, 51.8017



9.5487, 9.5438, 10.0126



14.1630, 7.2963, 0.8858



0.5614, 0.2884, 0.0694

Previews

White Background



This preview shows how the XYZ color 28.8660, 22.3545, 17.8324 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 28.8660, 22.3545, 17.8324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

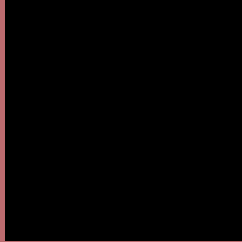
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8660, 22.3545, 17.8324

Background



This preview shows how black text looks on a background with the XYZ color 28.8660, 22.3545, 17.8324.



This preview shows how white text looks on a background with the XYZ color 28.8660, 22.3545,

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

28.8660, 22.3545, 17.8324

Protanopia

21.5495, 22.5462, 21.9550

Deuteranopia

22.9301, 22.5837, 17.3379



Tritanopia

28.9303, 22.2143, 18.6826

Trichromacy



Original Color

28.8660, 22.3545, 17.8324

Protanomaly

23.6157, 22.1210, 20.4779

Deuteranomaly

24.6670, 22.1903, 17.4511

Tritanomaly

28.8737, 22.1917, 18.3844

Monochromacy



Original Color

28.8660, 22.3545, 17.8324

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.6699, 22.2966, 22.1249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8660, 22.3545, 17.8324 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(188, 107, 111)` looks like.

```
.text, #text, p{  
    color:rgb(188, 107, 111)  
}
```

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(188, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 107, 111) }
```

Border

The CSS property to change the border of an element to XYZ 28.8660, 22.3545, 17.8324 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(188, 107, 111) }
```


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

```
.border{ border-color:rgb(188, 107, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(188, 107,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8660, 22.3545, 17.8324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 107, 111) }
```

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

```
.background{ background-color: rgb(188,  
107, 111) }
```

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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