

Converting Colors

XYZ(28.6022, 20.8633, 25.4412)

Have a look what the booklet for
XYZ(28.6022, 20.8633, 25.4412)
contains.

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Color

**XYZ(28.6022, 20.8633,
25.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	B86387
RGB	184, 99, 135
RGB Percent	72%, 39%, 53%
CMY	0.2784, 0.6117, 0.4706
CMYK	0.00, 0.46, 0.27, 0.28
HSL	335°, 37%, 55%
HSV	335°, 46%, 72%
XYZ	28.6022, 20.8633, 25.4412
YIQ	128.5190, 39.1040, 29.2160

Conversions

Conversions Part 2

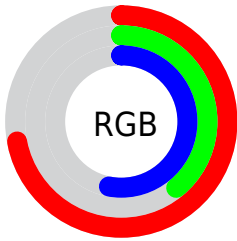
Format	Color
R_{YB}	184, 99, 135
Decimal	12084103
CIE _{Lab}	52.80, 38.51, -4.56
CIE _{LCh}	53, 38.781, 353.241
Yxy	20.8633, 0.3818, 0.2785
Android (android.graphics.Color)	4290274183 (0xFFB86387)
YUV	128.5190, 3.1951, 48.6568
Hunter-Lab	45.6764, 31.8417, -1.0504

Details

The XYZ color **28.6022, 20.8633, 25.4412** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.6324, 39.0723, 34.1043**, and the grayscale version is **20.6785, 21.7554, 23.6916**.

A 20% lighter version of the original color is **56.9233, 44.9646, 53.2558**, and **11.7499, 7.4369, 9.4105** is the 20% darker color. If you saturate the color by 10%, you get **26.3434, 17.4819, 21.1853**, and if you desaturate by 10%, it is **31.3337, 25.0707, 30.2223**.

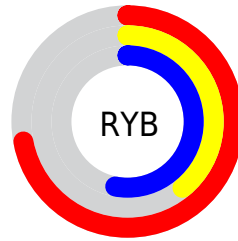
Distribution



Red (72%)

Green (39%)

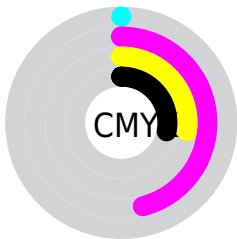
Blue (53%)



Red (72%)

Yellow (39%)

Blue (53%)

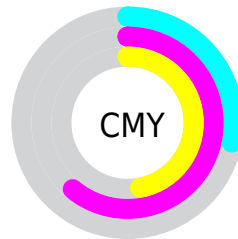


Cyan (0%)

Magenta (46%)

Yellow (27%)

Black (28%)



Cyan (28%)


Magenta (61%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6022, 20.8633, 25.4412 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 28.6022, 20.8633, 25.4412 by changing the saturation by 10% instead.


 28.6022, 20.8633,
25.4412


 28.6022, 20.8633,
25.4412


287.3616,
256.5511, 293.5458


 18.9229, 13.0241,
16.1841

 56.8464, 44.8599,
53.3450

 11.7182, 7.4452,
9.4987


 76.1420, 61.7861,
72.8288

 6.6229, 3.7420,
4.9667


 99.3737, 82.5102,
96.5586

 3.2717, 1.5303,
2.1693

 126.9069,
107.4164, 124.9529

 1.2990, 0.3099,
0.6566

159.1069,
136.8892, 158.4302

 0.1825, 0.0000,
0.0000

196.3391,

 0.0000, 0.0000,

171.3130, 197.4091

0.0000

238.9689,
211.0722, 242.3081

■ 28.6022, 20.8633,
25.4412

■ 28.6022, 20.8633,
25.4412

■ 26.3434, 17.4819,
21.1853

■ 31.3337, 25.0707,
30.2223

■ 24.5261, 14.8680,
17.4328

■ 34.5630, 30.1515,
35.5466

■ 23.1178, 12.9601,
14.1619


■ 38.3155, 36.1529,
41.4325


■ 22.0804, 11.6858,
11.3482


■ 42.6141, 43.1179,
47.8972


■ 21.3649, 10.9511,
8.9629


■ 47.4805, 51.0868,
54.9571

 21.1397, 10.7394,
8.1522

 52.9351, 60.0976,
62.6278

 58.9972, 70.1862,
70.9243

 65.6854, 81.3869,
79.8612

 69.8762, 87.4500,
88.4054

Harmonies

Analogous

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



26.7384, 20.8633, 38.8293



28.6022, 20.8633, 25.4412



27.8717, 20.8633, 15.0103

Triad

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



28.6022, 20.8633, 25.4412



16.9158, 20.8633, 7.7783



15.5290, 20.8633, 45.6501

Complementary

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



28.6022, 20.8633, 25.4412



27.6324, 39.0723, 34.1043

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.



13.5061, 20.8633, 32.6912



28.6022, 20.8633, 25.4412



14.2274, 20.8633, 11.8215

Square

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



28.6022, 20.8633, 25.4412



20.7598, 20.8633, 6.9970



13.0642, 20.8633, 20.1938



18.9283, 20.8633, 52.8026

Rectangle

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



28.6022, 20.8633, 25.4412



26.0543, 20.8633, 10.6165



13.0642, 20.8633, 20.1938



14.6854, 20.8633, 41.6537

Sweetspot

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



28.6028, 20.8643, 25.4416



70.9041, 67.8699, 77.3193



25.1771, 18.6040, 47.6116



14.9443, 14.0813, 16.1467



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.



28.6028, 20.8643, 25.4416



47.8553, 31.8389, 38.6021



27.0378, 21.1277, 14.4586



9.1582, 9.0736, 10.1804



14.6031, 7.4150, 5.7966



0.5459, 0.2738, 0.3680

Inverse Universe

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



28.6028, 20.8643, 25.4416



47.8553, 31.8389, 38.6021



29.7849, 38.0875, 51.1294



9.1582, 9.0736, 10.1804



14.6031, 7.4150, 5.7966



0.5459, 0.2738, 0.3680

Previews

White Background



This preview shows how the XYZ color 28.6022, 20.8633, 25.4412 looks on a white background.

Color Contrast Check

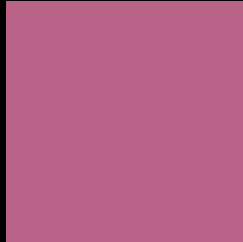
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6022, 20.8633, 25.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

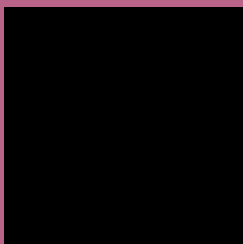
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6022, 20.8633, 25.4412

Background



This preview shows how black text looks on a background with the XYZ color 28.6022, 20.8633, 25.4412.



This preview shows how white text looks on a background with the XYZ color 28.6022, 20.8633,

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

28.6022, 20.8633, 25.4412

Protanopia

20.8863, 20.9992, 32.6582

Deuteranopia

21.4962, 21.1230, 24.4169



Tritanopia

27.1110, 20.9934, 17.6622

Trichromacy



Original Color

28.6022, 20.8633, 25.4412

Protanomaly

22.9353, 20.4954, 29.9413

Deuteranomaly

23.5086, 20.5706, 24.5613

Tritanomaly

27.6700, 20.9261, 20.3501

Monochromacy



Original Color

28.6022, 20.8633, 25.4412

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.9696, 20.9851, 24.3126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6022, 20.8633, 25.4412 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(184, 99, 135)` looks like.

```
.text, #text, p{  
  color:rgb(184, 99, 135)  
}
```

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(184, 99, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 135) }
```

Border

The CSS property to change the border of an element to XYZ 28.6022, 20.8633, 25.4412 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(184, 99, 135) }
```


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

```
.border{ border-color:rgb(184, 99, 135) }
```

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

Here you see how a box with a 4 pixel rgb(184, 99, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 135);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6022, 20.8633, 25.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 135) }
```

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

```
.background{ background-color: rgb(184, 99,  
135) }
```

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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