

Converting Colors

XYZ(28.0694, 21.5212, 25.8658)

Have a look what the booklet for
XYZ(28.0694, 21.5212, 25.8658)
contains.

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Color

**XYZ(28.0859, 21.4644,
25.9553)**

Conversions

Conversions Part 1

Format	Color
Hex	B36988
RGB	179, 105, 136
RGB Percent	70%, 41%, 53%
CMY	0.2980, 0.5882, 0.4667
CMYK	0.00, 0.41, 0.24, 0.30
HSL	335°, 33%, 56%
HSV	335°, 41%, 70%
XYZ	28.0859, 21.4644, 25.9553
YIQ	130.6600, 34.1530, 25.3290

Conversions

Conversions Part 2

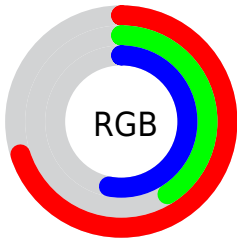
Format	Color
R_{YB}	179, 105, 136
Decimal	11757960
CIE _{Lab}	53.45, 33.66, -4.26
CIE _{LCh}	53, 33.930, 352.787
Y _{xy}	21.4644, 0.3720, 0.2843
Android (android.graphics.Color)	4289948040 (0xFFB36988)
YUV	130.6600, 2.6326, 42.3942
Hunter-Lab	46.3297, 27.1330, -0.7853

Details

The XYZ color **28.0859, 21.4644, 25.9553** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.2920, 37.3821, 33.7958**, and the grayscale version is **21.4352, 22.5515, 24.5585**.

A 20% lighter version of the original color is **56.0042, 45.9607, 54.0637**, and **11.3581, 7.6893, 9.6897** is the 20% darker color. If you saturate the color by 10%, you get **25.7472, 17.9131, 21.7037**, and if you desaturate by 10%, it is **30.8813, 25.8139, 30.7136**.

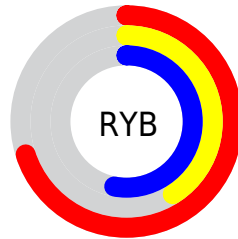
Distribution



Red (70%)

Green (41%)

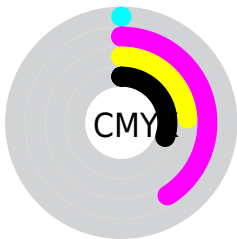
Blue (53%)



Red (70%)

Yellow (41%)

Blue (53%)

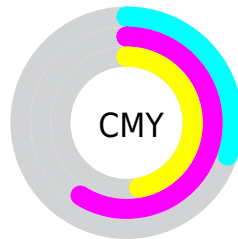


Cyan (0%)

Magenta (41%)

Yellow (24%)

Black (30%)



Cyan (30%)


Magenta (59%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0859, 21.4644, 25.9553 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 28.0859, 21.4644, 25.9553 by changing the saturation by 10% instead.


 28.0859, 21.4644,
25.9553

 28.0859, 21.4644,
25.9553


284.9498,
259.7363, 296.1611


 18.5312, 13.4639,
16.5647


 56.0292, 45.8592,
54.1860


 11.4340, 7.7487,
9.7660


 75.1486, 63.0222,
73.8633

 6.4290, 3.9346,
5.1405


 98.1869, 84.0082,
97.8065

 3.1508, 1.6370,
2.2698

 125.5095,
109.2015, 126.4342

 1.2340, 0.3824,
0.7142

157.4817,
138.9866, 160.1650

 0.1330, 0.0000,
0.0000

194.4689,

 0.0000, 0.0000,

173.7478, 199.4174

0.0000

236.8365,
213.8696, 244.6099

■ 28.0859, 21.4644,
25.9553

■ 28.0859, 21.4644,
25.9553

■ 25.7472, 17.9131,
21.7037

■ 30.8813, 25.8139,
30.7136

■ 23.8371, 15.1075,
17.9388

■ 34.1557, 31.0036,
35.9949

■ 22.3269, 12.9938,
14.6407


■ 37.9321, 37.0762,
41.8165


■ 21.1837, 11.5093,
11.7874

■ 42.2313, 44.0707,
48.1942


■ 20.3684, 10.5798,
9.3543


■ 47.0730, 52.0237,
55.1432

 19.8599, 10.0915,
7.5544

 52.4759, 60.9696,
62.6781

 58.4578, 70.9414,
70.8129

 65.0355, 81.9705,
79.5610

 68.5798, 86.7955,
87.7204

Harmonies

Analogous

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



26.4393, 21.4644, 37.5623



28.0859, 21.4644, 25.9553



27.4881, 21.4644, 16.4903

Triad

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



28.0859, 21.4644, 25.9553



17.8309, 21.4644, 9.4233



16.4871, 21.4644, 43.0311

Complementary

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



28.0859, 21.4644, 25.9553



27.2920, 37.3821, 33.7958

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.



14.6509, 21.4644, 31.9406



28.0859, 21.4644, 25.9553



15.3606, 21.4644, 13.2976

Square

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



28.0859, 21.4644, 25.9553



21.2847, 21.4644, 8.6832



14.2642, 21.4644, 20.9644



19.5426, 21.4644, 49.1395

Rectangle

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



28.0859, 21.4644, 25.9553



25.9272, 21.4644, 12.3071



14.2642, 21.4644, 20.9644



15.7222, 21.4644, 39.6296

Sweetspot

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



28.0865, 21.4654, 25.9557



67.3140, 65.3980, 73.9518



25.2098, 19.5559, 45.0940



14.7122, 14.1640, 16.0781



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.



28.0865, 21.4654, 25.9557



46.3008, 32.3638, 39.2259



26.7097, 21.7422, 16.1547



8.6391, 8.5624, 9.5979



14.0649, 7.1435, 5.5015



0.4719, 0.2365, 0.3278

Inverse Universe

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



28.0865, 21.4654, 25.9557



46.3008, 32.3638, 39.2259



29.1120, 36.5563, 48.1697



8.6391, 8.5624, 9.5979



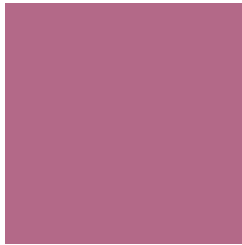
14.0649, 7.1435, 5.5015



0.4719, 0.2365, 0.3278

Previews

White Background



This preview shows how the XYZ color 28.0859, 21.4644, 25.9553 looks on a white background.

Color Contrast Check

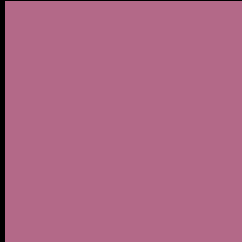
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0859, 21.4644, 25.9553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

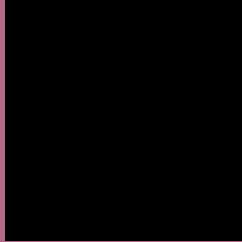
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0859, 21.4644, 25.9553

Background



This preview shows how black text looks on a background with the XYZ color 28.0859, 21.4644, 25.9553.



This preview shows how white text looks on a background with the XYZ color 28.0859, 21.4644,

25.9553.

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

28.0859, 21.4644, 25.9553

Protanopia

21.4066, 21.6658, 31.9078

Deuteranopia

21.9225, 21.5120, 25.1871



Tritanopia

26.8110, 21.5687, 19.5797

Trichromacy



Original Color

28.0859, 21.4644, 25.9553

Protanomaly

23.2093, 21.1673, 29.6505

Deuteranomaly

23.8012, 21.2161, 25.3949

Tritanomaly

27.3607, 21.6453, 21.8047

Monochromacy



Original Color

28.0859, 21.4644, 25.9553

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.4059, 21.9084, 25.1854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0859, 21.4644, 25.9553 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, 105, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 105, 136)  
}
```

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, 105, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 105, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.0859, 21.4644, 25.9553 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, 105, 136) }
```


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

```
.border{ border-color:rgb(179, 105, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 105, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 105, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 105, 136);  
box-shadow:4px 4px 4px 4px rgb(179, 105,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0859, 21.4644, 25.9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 105, 136) }
```

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

```
.background{ background-color: rgb(179,  
105, 136) }
```

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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