

Converting Colors

XYZ(28.7849, 19.8598, 15.1516)

Have a look what the booklet for
XYZ(28.7849, 19.8598, 15.1516)
contains.

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Color

**XYZ(28.7855, 19.8598,
15.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	C45967
RGB	196, 89, 103
RGB Percent	77%, 35%, 40%
CMY	0.2314, 0.6510, 0.5961
CMYK	0.00, 0.55, 0.47, 0.23
HSL	352°, 48%, 56%
HSV	352°, 55%, 77%
XYZ	28.7855, 19.8598, 15.1481
YIQ	122.5890, 59.2780, 27.0380

Conversions

Conversions Part 2

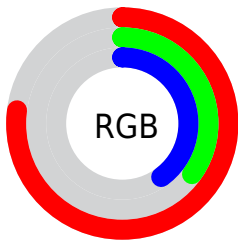
Format	Color
R _{YB}	196, 89, 103
Decimal	12867943
CIE Lab	51.68, 44.06, 13.05
CIE LCh	52, 45.951, 16.504
Yxy	19.8598, 0.4512, 0.3113
Android (android.graphics.Color)	4291058023 (0xFFC45967)
YUV	122.5890, -9.6574, 64.3814
Hunter-Lab	44.5643, 37.3112, 11.0415

Details

The XYZ color **28.7855, 19.8598, 15.1481** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **32.3044, 44.9815, 51.2387**, and the grayscale version is **18.7093, 19.6836, 21.4354**.

A 20% lighter version of the original color is **56.7457, 42.9391, 35.8691**, and **11.8259, 6.9505, 4.4597** is the 20% darker color. If you saturate the color by 10%, you get **26.5964, 16.7135, 10.6208**, and if you desaturate by 10%, it is **31.5840, 23.9462, 20.7385**.

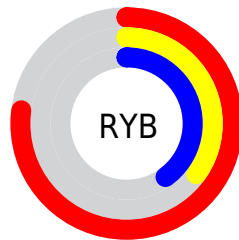
Distribution



Red (77%)

Green (35%)

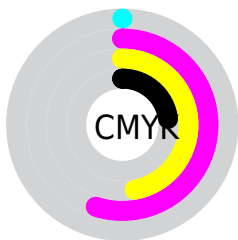
Blue (40%)



Red (77%)

Yellow (35%)

Blue (40%)

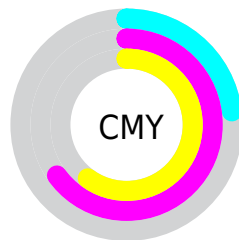


Cyan (0%)

Magenta (55%)

Yellow (47%)

Black (23%)



Cyan (23%)


Magenta (65%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7855, 19.8598, 15.1481 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 28.7855, 19.8598, 15.1481 by changing the saturation by 10% instead.


 28.7855, 19.8598,
15.1481


 28.7855, 19.8598,
15.1481


288.2140,
251.1551, 235.9325


 19.0621, 12.2932,
8.7756


 57.1360, 43.1820,
35.8588


 11.8194, 6.9437,
4.5003


 76.4939, 59.7064,
51.0340

 6.6922, 3.4269,
1.9036


 99.7939, 79.9854,
69.9806

 3.3149, 1.3585,
0.4950

 127.4014,
104.4036, 93.1170

 1.3224, 0.1858,
0.0000

159.6818,
133.3453, 120.8619

 0.1999, 0.0000,
0.0000

197.0005,

 0.0000, 0.0000,

167.1948, 153.6338

0.0000

239.7228,
206.3366, 191.8511

■ 28.7855, 19.8598,
15.1481

■ 28.7855, 19.8598,
15.1481

■ 26.5964, 16.7135,
10.6208

■ 31.5840, 23.9462,
20.7385

■ 24.9692, 14.4292,
7.0876

■ 35.0316, 29.0362,
27.4527

■ 23.8518, 12.9217,
4.4730

■ 39.1663, 35.1916,
35.3482

■ 23.1813, 12.0866,
2.6900

■ 44.0228, 42.4682,
44.4781

■ 22.9473, 11.8087,
2.0259

■ 49.6334, 50.9178,
54.8924

■ 56.0284, 60.5892,
66.6382

■ 63.2365, 71.5284,
79.7603

■ 71.2849, 83.7787,
94.3014

■ 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



28.9464, 19.8598, 28.1505



28.7855, 19.8598, 15.1481



25.7056, 19.8598, 7.8818

Triad

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



28.7855, 19.8598, 15.1481



13.1165, 19.8598, 8.3757



16.8700, 19.8598, 57.1918

Complementary

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



28.7855, 19.8598, 15.1481



32.3044, 44.9815, 51.2387

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.



13.3780, 19.8598, 45.9545



28.7855, 19.8598, 15.1481



11.4631, 19.8598, 16.1932

Square

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



28.7855, 19.8598, 15.1481



16.4537, 19.8598, 5.2143



11.5502, 19.8598, 29.7236



21.5253, 19.8598, 56.5304

Rectangle

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



28.7855, 19.8598, 15.1481



22.6604, 19.8598, 5.6380



11.5502, 19.8598, 29.7236



15.5385, 19.8598, 54.5324

Sweetspot

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



28.7860, 19.8609, 15.1485



78.1942, 74.5972, 77.6661



32.7653, 21.0441, 54.5594



16.3294, 15.3557, 15.8602



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.7860, 19.8609, 15.1485



47.3688, 29.1259, 17.5123



32.3185, 27.9574, 13.1456



10.1256, 10.0989, 10.7521



14.7630, 7.5949, 1.3979



0.6558, 0.3353, 0.1547

Inverse Universe

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



28.7860, 19.8609, 15.1485



47.3688, 29.1259, 17.5123



26.1021, 30.1455, 56.6673



10.1256, 10.0989, 10.7521



14.7630, 7.5949, 1.3979



0.6558, 0.3353, 0.1547

Previews

White Background



This preview shows how the XYZ color 28.7855, 19.8598, 15.1481 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 28.7855, 19.8598, 15.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

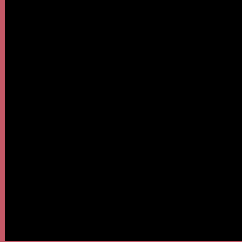
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.7855, 19.8598, 15.1481

Background



This preview shows how black text looks on a background with the XYZ color 28.7855, 19.8598, 15.1481.



This preview shows how white text looks on a background with the XYZ color 28.7855, 19.8598,

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

28.7855, 19.8598, 15.1481

Protanopia

19.2865, 20.0584, 20.9443

Deuteranopia

20.3030, 20.0048, 14.3465



Tritanopia

28.5324, 19.8926, 13.4022

Trichromacy



Original Color

28.7855, 19.8598, 15.1481

Protanomaly

21.6706, 19.2592, 18.4948

Deuteranomaly

22.7671, 19.4318, 14.6073

Tritanomaly

28.6732, 19.9489, 14.1437

Monochromacy



Original Color

28.7855, 19.8598, 15.1481

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.4145, 19.1139, 19.0837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7855, 19.8598, 15.1481 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(196, 89, 103)` looks like.

```
.text, #text, p{  
    color:rgb(196, 89, 103)  
}
```

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(196, 89, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 89, 103) }
```

Border

The CSS property to change the border of an element to XYZ 28.7855, 19.8598, 15.1481 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(196, 89, 103) }
```


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

```
.border{ border-color:rgb(196, 89, 103) }
```

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

Here you see how a box with a 4 pixel rgb(196, 89, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 89, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 89, 103);  
box-shadow:4px 4px 4px 4px rgb(196, 89,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7855, 19.8598, 15.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 89, 103) }
```

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

```
.background{ background-color: rgb(196, 89,  
103) }
```

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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