

Converting Colors

XYZ(25.6515, 20.8835, 19.4503)

Have a look what the booklet for
XYZ(25.6515, 20.8835, 19.4503)
contains.

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Color

**XYZ(25.5867, 20.7801,
19.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6C75
RGB	172, 108, 117
RGB Percent	67%, 42%, 46%
CMY	0.3255, 0.5765, 0.5412
CMYK	0.00, 0.37, 0.32, 0.33
HSL	352°, 28%, 55%
HSV	352°, 37%, 67%
XYZ	25.5867, 20.7801, 19.4920
YIQ	128.1620, 35.2550, 16.3670

Conversions

Conversions Part 2

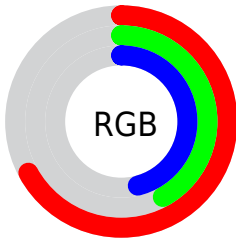
Format	Color
R_{YB}	172, 108, 117
Decimal	11299957
CIE _{Lab}	52.71, 26.69, 5.74
CIE _{LCh}	53, 27.302, 12.144
Yxy	20.7801, 0.3885, 0.3155
Android (android.graphics.Color)	4289490037 (0xFFAC6C75)
YUV	128.1620, -5.5029, 38.4459
Hunter-Lab	45.5852, 20.4169, 6.5575

Details

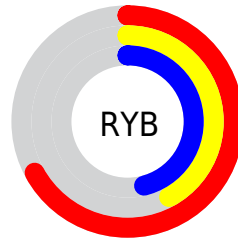
The XYZ color **25.5867, 20.7801, 19.4920** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5486, 35.3380, 40.0211**, and the grayscale version is **20.5844, 21.6564, 23.5838**.

A 20% lighter version of the original color is **52.0453, 44.6642, 43.4141**, and **10.1094, 7.4092, 6.5275** is the 20% darker color. If you saturate the color by 10%, you get **23.1468, 17.1831, 14.7240**, and if you desaturate by 10%, it is **28.5228, 25.1497, 25.1030**.

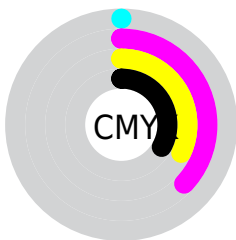
Distribution



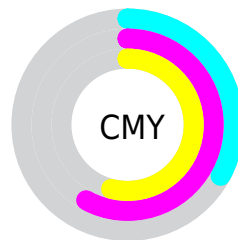
- Red (67%)
- Green (42%)
- Blue (46%)



- Red (67%)
- Yellow (42%)
- Blue (46%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (33%)



- Cyan (33%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5867, 20.7801, 19.4920 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 25.5867, 20.7801, 19.4920 by changing the saturation by 10% instead.

■ 25.5867, 20.7801,
19.4920

■ 25.5867, 20.7801,
19.4920

273.0413,
256.1075, 261.6642

■ 16.6458, 12.9634,
11.8459

■ 52.0435, 44.7213,
43.4115

■ 10.0760, 7.4033,
6.5176

■ 70.2901, 61.6145,
60.5221

■ 5.5120, 3.7156,
3.0884

■ 92.3692, 82.3020,
81.6245

■ 2.5885, 1.5158,
1.1400

■ 118.6464,
107.1682, 107.1374

■ 0.9401, 0.2998,
0.0000

149.4868,
136.5974, 137.4793

■ 0.0000, 0.0000,
0.0000

185.2558,

170.9741, 173.0687

226.3189,
210.6827, 214.3242

■ 25.5867, 20.7801,
19.4920

■ 25.5867, 20.7801,
19.4920

■ 23.1468, 17.1831,
14.7240

■ 28.5228, 25.1497,
25.1030

■ 21.1739, 14.3109,
10.7569

■ 31.9790, 30.3302,
31.5939

■ 19.6383, 12.1148,
7.5468


■ 35.9793, 36.3608,
39.0009


■ 18.5060, 10.5394,
5.0449


■ 40.5461, 43.2775,
47.3577


■ 17.7380, 9.5197,
3.1968


■ 45.7003, 51.1139,
56.6963


 17.2788, 8.9603,
1.9369

 51.4618, 59.9022,
67.0473

 17.1800, 8.8374,
1.6743

 57.8495, 69.6729,
78.4399

 64.8816, 80.4550,
90.9022

 70.0348, 87.1953,
103.6142

Harmonies

Analogous

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



25.4196, 20.7801, 27.7697



25.5867, 20.7801, 19.4920



24.0841, 20.7801, 13.6687

Triad

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



25.5867, 20.7801, 19.4920



16.3077, 20.7801, 12.8960



18.1229, 20.7801, 41.0215

Complementary

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



25.5867, 20.7801, 19.4920



27.5486, 35.3380, 40.0211

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.



15.9713, 20.7801, 34.8299



25.5867, 20.7801, 19.4920



14.9945, 20.7801, 18.1602

Square

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



25.5867, 20.7801, 19.4920



18.6239, 20.7801, 10.5194



14.8776, 20.7801, 26.0791



20.9224, 20.7801, 41.6243

Rectangle

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



25.5867, 20.7801, 19.4920



22.4147, 20.7801, 11.4218



14.8776, 20.7801, 26.0791



17.3069, 20.7801, 39.4667

Sweetspot

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



25.5873, 20.7811, 19.4924



62.2548, 61.4091, 65.1882



27.7913, 21.4280, 41.7011



13.3233, 13.0348, 13.7854



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5873, 20.7811, 19.4924



42.5594, 32.0055, 27.8336



27.7566, 25.9262, 17.7299



8.0494, 8.0330, 8.5710



12.7974, 6.5815, 1.3126



0.3699, 0.1886, 0.1096

Inverse Universe

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



25.5873, 20.7811, 19.4924



42.5594, 32.0055, 27.8336



24.4742, 27.8528, 43.1160



8.0494, 8.0330, 8.5710



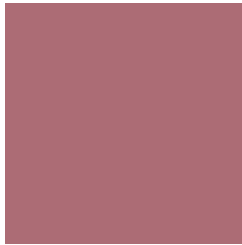
12.7974, 6.5815, 1.3126



0.3699, 0.1886, 0.1096

Previews

White Background



This preview shows how the XYZ color 25.5867, 20.7801, 19.4920 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 25.5867, 20.7801, 19.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

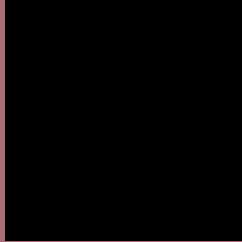
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5867, 20.7801, 19.4920

Background



This preview shows how black text looks on a background with the XYZ color 25.5867, 20.7801, 19.4920.



This preview shows how white text looks on a background with the XYZ color 25.5867, 20.7801,

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

25.5867, 20.7801, 19.4920

Protanopia

20.1937, 21.0432, 23.0761

Deuteranopia

21.3817, 20.9965, 19.1454



Tritanopia

25.5282, 20.7567, 19.1840

Trichromacy



Original Color

25.5867, 20.7801, 19.4920

Protanomaly

21.6736, 20.5530, 21.5637

Deuteranomaly

22.8401, 20.8536, 19.3443

Tritanomaly

25.5282, 20.7567, 19.1840

Monochromacy



Original Color

25.5867, 20.7801, 19.4920

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.9771, 21.0593, 21.9753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5867, 20.7801, 19.4920 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(172, 108, 117)` looks like.

```
.text, #text, p{  
    color:rgb(172, 108, 117)  
}
```

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(172, 108, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 108, 117) }
```

Border

The CSS property to change the border of an element to XYZ 25.5867, 20.7801, 19.4920 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(172, 108, 117) }
```


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

```
.border{ border-color:rgb(172, 108, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 108, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 108, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 108, 117);  
box-shadow:4px 4px 4px 4px rgb(172, 108,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5867, 20.7801, 19.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 108, 117) }
```

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

```
.background{ background-color: rgb(172,  
108, 117) }
```

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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