

Converting Colors

XYZ(28.3462, 20.4936, 22.4175)

Have a look what the booklet for
XYZ(28.3462, 20.4936, 22.4175)
contains.

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Color

**XYZ(28.3552, 20.5208,
22.5451)**

Conversions

Conversions Part 1

Format	Color
Hex	BA617F
RGB	186, 97, 127
RGB Percent	73%, 38%, 50%
CMY	0.2706, 0.6196, 0.5020
CMYK	0.00, 0.48, 0.32, 0.27
HSL	340°, 39%, 55%
HSV	340°, 48%, 73%
XYZ	28.3552, 20.5208, 22.5451
YIQ	127.0310, 43.4140, 28.1980

Conversions

Conversions Part 2

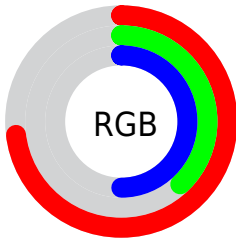
Format	Color
R_{YB}	186, 97, 127
Decimal	12214655
CIE _{Lab}	52.42, 39.18, -0.35
CIE _{LCh}	52, 39.177, 359.483
Yxy	20.5208, 0.3970, 0.2873
Android (android.graphics.Color)	4290404735 (0xFFBA617F)
YUV	127.0310, -0.0153, 51.7158
Hunter-Lab	45.2999, 32.4562, 2.2021

Details

The XYZ color **28.3552, 20.5208, 22.5451** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **28.4905, 40.0601, 37.6854**, and the grayscale version is **20.1736, 21.2242, 23.1132**.

A 20% lighter version of the original color is **56.4528, 44.3411, 48.7633**, and **11.5581, 7.2499, 7.9979** is the 20% darker color. If you saturate the color by 10%, you get **26.0786, 17.1759, 18.0610**, and if you desaturate by 10%, it is **31.1342, 24.7129, 27.6824**.

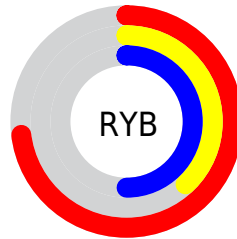
Distribution



Red (73%)

Green (38%)

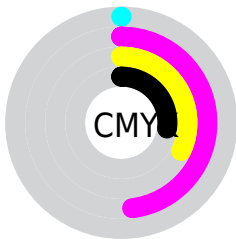
Blue (50%)



Red (73%)

Yellow (38%)

Blue (50%)

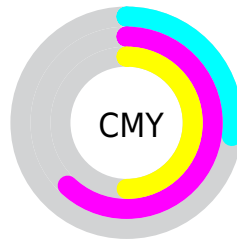


Cyan (0%)

Magenta (48%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (62%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3552, 20.5208, 22.5451 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 28.3552, 20.5208, 22.5451 by changing the saturation by 10% instead.


 28.3552, 20.5208,
22.5451


 28.3552, 20.5208,
22.5451


286.2097,
254.7207, 278.4256


 18.7354, 12.7742,
14.0558


 56.4557, 44.2886,
48.5590


 11.5821, 7.2732,
8.0203


 75.6672, 61.0786,
66.9207

 6.5300, 3.6336,
4.0200


 98.8065, 81.6519,
89.4103

 3.2136, 1.4708,
1.6363

 126.2392,
106.3928, 116.4463

 1.2677, 0.2680,
0.3165

158.3305,
135.6857, 148.4473

 0.1589, 0.0000,
0.0000

195.4458,

 0.0000, 0.0000,

169.9151, 185.8319

0.0000

237.9504,
209.4653, 229.0185

■ 28.3552, 20.5208,
22.5451

■ 28.3552, 20.5208,
22.5451

■ 26.0786, 17.1759,
18.0610

■ 31.1342, 24.7129,
27.6824

■ 24.2706, 14.6165,
14.2007

■ 34.4432, 29.8021,
33.4981

■ 22.8956, 12.7776,
10.9342


■ 38.3094, 35.8380,
40.0172


■ 21.9120, 11.5818,
8.2277


■ 42.7580, 42.8658,
47.2632


■ 21.2574, 10.9118,
6.0395


■ 47.8124, 50.9276,
55.2583

 21.1384, 10.7946,
5.6269

 53.4946, 60.0631,
64.0239

 59.8257, 70.3100,
73.5803

 66.8257, 81.7041,
83.9472

 71.4394, 88.1310,
94.1188

Harmonies

Analogous

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



26.9962, 20.5208, 35.6611



28.3552, 20.5208, 22.5451



27.0833, 20.5208, 13.0807

Triad

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



28.3552, 20.5208, 22.5451



15.9235, 20.5208, 8.0277



15.8176, 20.5208, 47.5310

Complementary

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



28.3552, 20.5208, 22.5451



28.4905, 40.0601, 37.6854

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.



13.4904, 20.5208, 35.1882



28.3552, 20.5208, 22.5451



13.5453, 20.5208, 12.8388

Square

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



28.3552, 20.5208, 22.5451



19.5746, 20.5208, 6.6575



12.7186, 20.5208, 22.1434



19.4344, 20.5208, 52.8144

Rectangle

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



28.3552, 20.5208, 22.5451



25.0026, 20.5208, 9.3335



12.7186, 20.5208, 22.1434



14.8778, 20.5208, 43.8990

Sweetspot

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



28.3558, 20.5218, 22.5455



72.2287, 69.3517, 77.1271



26.6273, 19.0495, 48.7281



15.5333, 14.6852, 16.3727



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.



28.3558, 20.5218, 22.5455



47.2332, 31.0808, 32.6636



28.0220, 22.5308, 14.1825



9.1262, 9.0608, 10.0117



14.2529, 7.2749, 3.9525



0.5321, 0.2683, 0.2952

Inverse Universe

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



28.3558, 20.5218, 22.5455



47.2332, 31.0808, 32.6636



28.6700, 35.8404, 51.8614



9.1262, 9.0608, 10.0117



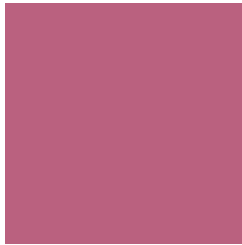
14.2529, 7.2749, 3.9525



0.5321, 0.2683, 0.2952

Previews

White Background



This preview shows how the XYZ color 28.3552, 20.5208, 22.5451 looks on a white background.

Color Contrast Check

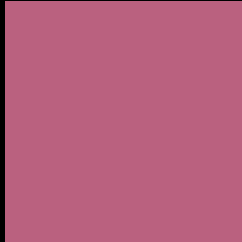
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3552, 20.5208, 22.5451 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 28.3552, 20.5208, 22.5451

Background



This preview shows how black text looks on a background with the XYZ color 28.3552, 20.5208, 22.5451.



This preview shows how white text looks on a background with the XYZ color 28.3552, 20.5208,

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

28.3552, 20.5208, 22.5451

Protanopia

20.3937, 20.8184, 29.3291

Deuteranopia

21.0600, 20.5938, 21.6039



Tritanopia

27.1276, 20.5804, 16.7300

Trichromacy



Original Color

28.3552, 20.5208, 22.5451

Protanomaly

22.3952, 20.1162, 26.7472

Deuteranomaly

23.1426, 20.1115, 21.7309

Tritanomaly

27.6593, 20.6664, 18.7509

Monochromacy



Original Color

28.3552, 20.5208, 22.5451

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.2889, 20.3190, 22.8259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3552, 20.5208, 22.5451 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(186, 97, 127)` looks like.

```
.text, #text, p{  
    color:rgb(186, 97, 127)  
}
```

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(186, 97, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 97, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.3552, 20.5208, 22.5451 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(186, 97, 127) }
```


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

```
.border{ border-color:rgb(186, 97, 127) }
```

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

Here you see how a box with a 4 pixel rgb(186, 97, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 97, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 97, 127);  
box-shadow:4px 4px 4px 4px rgb(186, 97,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3552, 20.5208, 22.5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 97, 127) }
```

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

```
.background{ background-color: rgb(186, 97,  
127) }
```

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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