

Converting Colors

XYZ(26.4566, 20.3573, 20.9112)

Have a look what the booklet for
XYZ(26.4566, 20.3573, 20.9112)
contains.

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Color

**XYZ(26.3957, 20.2550,
20.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	B1667A
RGB	177, 102, 122
RGB Percent	69%, 40%, 48%
CMY	0.3059, 0.6000, 0.5216
CMYK	0.00, 0.42, 0.31, 0.31
HSL	344°, 32%, 55%
HSV	344°, 42%, 69%
XYZ	26.3957, 20.2550, 20.9308
YIQ	126.7050, 38.2800, 22.1200

Conversions

Conversions Part 2

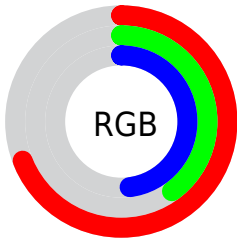
Format	Color
R_{YB}	177, 102, 122
Decimal	11626106
CIE _{Lab}	52.12, 32.57, 2.03
CIE _{LCh}	52, 32.637, 3.565
Yxy	20.2550, 0.3906, 0.2997
Android (android.graphics.Color)	4289816186 (0xFFB1667A)
YUV	126.7050, -2.3196, 44.1087
Hunter-Lab	45.0056, 25.9303, 3.9298

Details

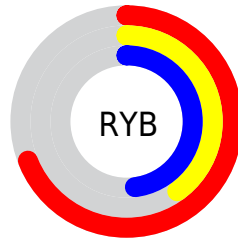
The XYZ color **26.3957, 20.2550, 20.9308** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.2884, 36.7039, 37.5465**, and the grayscale version is **20.0707, 21.1160, 22.9953**.

A 20% lighter version of the original color is **53.1273, 43.6596, 45.6714**, and **10.5352, 7.1782, 7.3088** is the 20% darker color. If you saturate the color by 10%, you get **24.0869, 16.8398, 16.4546**, and if you desaturate by 10%, it is **29.1844, 24.4579, 26.0975**.

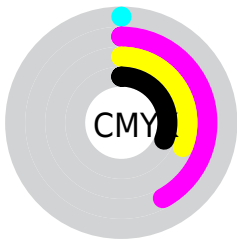
Distribution



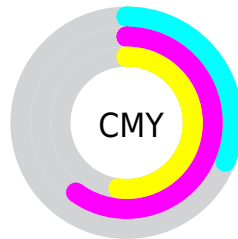
- Red (69%)
- Green (40%)
- Blue (48%)



- Red (69%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (42%)
- Yellow (31%)
- Black (31%)




- Cyan (31%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3957, 20.2550, 20.9308 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 26.3957, 20.2550, 20.9308 by changing the saturation by 10% instead.


 26.3957, 20.2550,
20.9308


 26.3957, 20.2550,
20.9308


276.9404,
253.2923, 269.6795


 17.2541, 12.5805,
12.8827


 53.3394, 43.8443,
45.8516


 10.5123, 7.1403,
7.2180


 71.8722, 60.5279,
63.5614

 5.8048, 3.5500,
3.5183

 94.2662, 80.9834,
85.3289

 2.7663, 1.4252,
1.3650

 120.8866,
105.5951, 111.5725

 1.0314, 0.2352,
0.1142

152.0989,
134.7475, 142.7108

 0.0000, 0.0000,
0.0000

188.2684,

168.8248, 179.1624

229.7604,
208.2116, 221.3457

■ 26.3957, 20.2550,
20.9308

■ 26.3957, 20.2550,
20.9308

■ 24.0869, 16.8398,
16.4546

■ 29.1844, 24.4579,
26.0975

■ 22.2284, 14.1599,
12.6374

■ 32.4771, 29.4907,
31.9818

■ 20.7894, 12.1612,
9.4472


■ 36.2983, 35.3959,
38.6108


■ 19.7348, 10.7810,
6.8481

■ 40.6702, 42.2125,
46.0096


■ 19.0229, 9.9444,
4.8005


■ 45.6139, 49.9769,
54.2023

 18.6485, 9.5539,
3.5710

 51.1493, 58.7236,
63.2120

 57.2952, 68.4854,
73.0606

 64.0698, 79.2936,
83.7692

 69.4459, 87.0889,
94.6769

Harmonies

Analogous

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



25.5910, 20.2550, 31.2930



26.3957, 20.2550, 20.9308



25.1114, 20.2550, 13.3714

Triad

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



26.3957, 20.2550, 20.9308



15.9163, 20.2550, 10.0083



16.5330, 20.2550, 42.9522

Complementary

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



26.3957, 20.2550, 20.9308



27.2884, 36.7039, 37.5465

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.



14.3829, 20.2550, 33.8602



26.3957, 20.2550, 20.9308



14.0568, 20.2550, 14.8404

Square

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



26.3957, 20.2550, 20.9308



18.8554, 20.2550, 8.3236



13.5293, 20.2550, 23.2172



19.6537, 20.2550, 45.9623

Rectangle

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



26.3957, 20.2550, 20.9308



23.3215, 20.2550, 10.3235



13.5293, 20.2550, 23.2172



15.6854, 20.2550, 40.3980

Sweetspot

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



26.3963, 20.2560, 20.9312



64.3881, 62.4293, 68.0861



26.5926, 19.8463, 44.0242



13.6189, 13.0102, 14.1788



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.3963, 20.2560, 20.9312



43.3257, 30.4327, 29.8412



27.1870, 23.6204, 15.6979



8.5863, 8.5412, 9.3200



13.5335, 6.9310, 2.7036



0.4506, 0.2280, 0.2155

Inverse Universe

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



26.3963, 20.2560, 20.9312



43.3257, 30.4327, 29.8412



25.9004, 30.9684, 46.2075



8.5863, 8.5412, 9.3200



13.5335, 6.9310, 2.7036



0.4506, 0.2280, 0.2155

Previews

White Background



This preview shows how the XYZ color 26.3957, 20.2550, 20.9308 looks on a white background.

Color Contrast Check

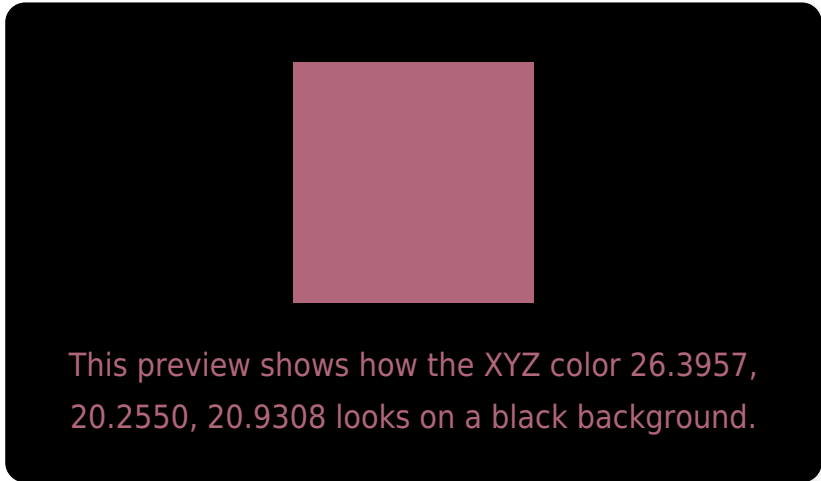
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 26.3957, 20.2550, 20.9308

Background



This preview shows how black text looks on a background with the XYZ color 26.3957, 20.2550, 20.9308.



This preview shows how white text looks on a background with the XYZ color 26.3957, 20.2550,

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

26.3957, 20.2550, 20.9308

Protanopia

19.8930, 20.4497, 25.8204

Deuteranopia

20.8146, 20.4956, 20.3118



Tritanopia

25.7794, 20.3006, 17.8889

Trichromacy



Original Color

26.3957, 20.2550, 20.9308

Protanomaly

21.6023, 19.9421, 23.8297

Deuteranomaly

22.5443, 20.1630, 20.4729

Tritanomaly

25.9071, 20.1916, 19.0549

Monochromacy



Original Color

26.3957, 20.2550, 20.9308

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.8572, 20.4573, 22.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3957, 20.2550, 20.9308 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(177, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(177, 102, 122)  
}
```

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(177, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 102, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.3957, 20.2550, 20.9308 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(177, 102, 122) }
```


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

```
.border{ border-color:rgb(177, 102, 122) }
```

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

Here you see how a box with a 4 pixel rgb(177, 102, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(177, 102,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3957, 20.2550, 20.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 102, 122) }
```

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

```
.background{ background-color: rgb(177,  
102, 122) }
```

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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