

Converting Colors

XYZ(26.2556, 20.1252, 27.0812)

Have a look what the booklet for
XYZ(26.2556, 20.1252, 27.0812)
contains.

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Color

**XYZ(26.3050, 20.2225,
26.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	AB678B
RGB	171, 103, 139
RGB Percent	67%, 40%, 55%
CMY	0.3294, 0.5961, 0.4549
CMYK	0.00, 0.40, 0.19, 0.33
HSL	328°, 29%, 54%
HSV	328°, 40%, 67%
XYZ	26.3050, 20.2225, 26.9430
YIQ	127.4360, 28.9720, 25.6120

Conversions

Conversions Part 2

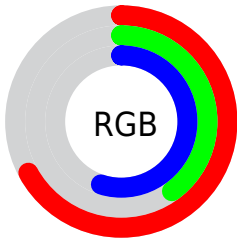
Format	Color
RYB	171, 103, 139
Decimal	11233163
CIELab	52.09, 32.36, -8.17
CIELCh	52, 33.372, 345.831
Yxy	20.2225, 0.3580, 0.2752
Android (android.graphics.Color)	4289423243 (0xFFAB678B)
YUV	127.4360, 5.7011, 38.2056
Hunter-Lab	44.9694, 25.7176, -4.0444

Details

The XYZ color **26.3050, 20.2225, 26.9430** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.5305, 33.7591, 28.1465**, and the grayscale version is **20.2973, 21.3544, 23.2549**.

A 20% lighter version of the original color is **53.2307, 43.7424, 55.5067**, and **10.4585, 7.1415, 10.2784** is the 20% darker color. If you saturate the color by 10%, you get **24.2084, 16.9357, 23.4491**, and if you desaturate by 10%, it is **28.7939, 24.2242, 30.7817**.

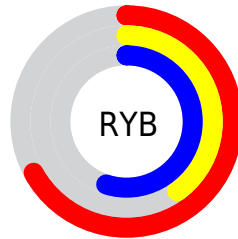
Distribution



Red (67%)

Green (40%)

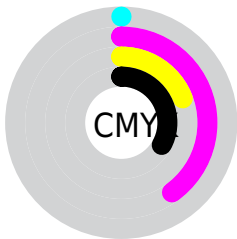
Blue (55%)



Red (67%)

Yellow (40%)

Blue (55%)

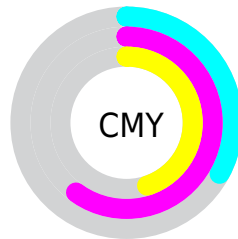


Cyan (0%)

Magenta (40%)

Yellow (19%)

Black (33%)



Cyan (33%)


Magenta (60%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3050, 20.2225, 26.9430 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 26.3050, 20.2225, 26.9430 by changing the saturation by 10% instead.


 26.3050, 20.2225,
26.9430

 26.3050, 20.2225,
26.9430


276.5054,
253.1171, 301.1325


 17.1858, 12.5569,
17.2984


 53.1944, 43.7899,
55.7950


 10.4632, 7.1241,
10.2832


 71.6953, 60.4605,
75.8395

 5.7717, 3.5399,
5.4791


 94.0542, 80.9015,
100.1876

 2.7461, 1.4197,
2.4674

 120.6364,
105.4974, 129.2580

 1.0210, 0.2311,
0.8228

151.8072,
134.6325, 163.4691

 0.0000, 0.0000,
0.0000

187.9321,

168.6912, 203.2395

229.3764,
208.0579, 248.9878

■ 26.3050, 20.2225,
26.9430

■ 26.3050, 20.2225,
26.9430

■ 24.2084, 16.9357,
23.4491

■ 28.7939, 24.2242,
30.7817

■ 22.4800, 14.3179,
20.2868

■ 31.6938, 28.9773,
34.9752

■ 21.0958, 12.3222,
17.4435

■ 35.0243, 34.5193,
39.5345

■ 20.0280, 10.8944,
14.9050

■ 38.8030, 40.8844,
44.4697

■ 19.2438, 9.9710,
12.6555

■ 43.0467, 48.1047,
49.7905

■ 18.6751, 9.4172,
10.6668

■ 47.7712, 56.2106,
55.5061

■ 18.6626, 9.4051,
10.6223

■ 52.9915, 65.2309,
61.6253

■ 58.7222, 75.1932,
68.1567

■ 64.3663, 84.9026,
74.9051

Harmonies

Analogous

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



24.3181, 20.2225, 37.8664



26.3050, 20.2225, 26.9430



26.2444, 20.2225, 17.2832

Triad

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



26.3050, 20.2225, 26.9430



17.4871, 20.2225, 8.4432



15.0046, 20.2225, 38.4216

Complementary

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



26.3050, 20.2225, 26.9430



24.5305, 33.7591, 28.1465

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.



13.5776, 20.2225, 27.5490



26.3050, 20.2225, 26.9430



14.8909, 20.2225, 11.3550

Square

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



26.3050, 20.2225, 26.9430



20.8711, 20.2225, 8.3690



13.5386, 20.2225, 17.7345



17.6601, 20.2225, 45.7056

Rectangle

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



26.3050, 20.2225, 26.9430



25.0421, 20.2225, 12.7540



13.5386, 20.2225, 17.7345



14.3799, 20.2225, 34.9425

Sweetspot

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



26.3056, 20.2235, 26.9434



61.1930, 59.2578, 68.7431



22.1506, 17.7707, 40.7908



13.4754, 12.9297, 15.0983



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.



26.3056, 20.2235, 26.9434



43.6714, 30.8185, 42.5435



24.2091, 19.3849, 15.9034



8.1757, 8.0835, 9.2362



14.0956, 7.1008, 8.1488



0.4195, 0.2085, 0.3708

Inverse Universe

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



26.3056, 20.2235, 26.9434



43.6714, 30.8185, 42.5435



27.2935, 34.8643, 42.6962



8.1757, 8.0835, 9.2362



14.0956, 7.1008, 8.1488



0.4195, 0.2085, 0.3708

Previews

White Background



This preview shows how the XYZ color 26.3050, 20.2225, 26.9430 looks on a white background.

Color Contrast Check

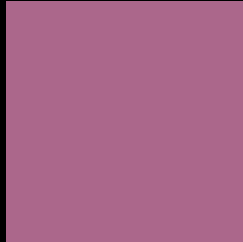
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3050, 20.2225, 26.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

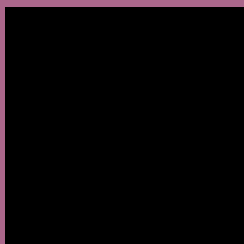
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3050, 20.2225, 26.9430

Background



This preview shows how black text looks on a background with the XYZ color 26.3050, 20.2225, 26.9430.



This preview shows how white text looks on a background with the XYZ color 26.3050, 20.2225,

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

26.3050, 20.2225, 26.9430

Protanopia

20.2217, 20.2845, 32.5553

Deuteranopia

20.7970, 20.3579, 26.1259



Tritanopia

24.5007, 20.0780, 18.8038

Trichromacy



Original Color

26.3050, 20.2225, 26.9430

Protanomaly

21.8284, 19.9157, 30.2974

Deuteranomaly

22.3867, 19.9518, 26.3381

Tritanomaly

25.1543, 20.1983, 21.6417

Monochromacy



Original Color

26.3050, 20.2225, 26.9430

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.9029, 20.4352, 24.2627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3050, 20.2225, 26.9430 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(171, 103, 139)` looks like.

```
.text, #text, p{  
    color:rgb(171, 103, 139)  
}
```

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(171, 103, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 103, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.3050, 20.2225, 26.9430 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(171, 103, 139) }
```


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

```
.border{ border-color:rgb(171, 103, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 103, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 103, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 103, 139); box-shadow:4px 4px 4px 4px rgb(171, 103, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3050, 20.2225, 26.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 103, 139) }
```

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

```
.background{ background-color: rgb(171,  
103, 139) }
```

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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