

Converting Colors

XYZ(26.3399, 20.8846, 32.3486)

Have a look what the booklet for
XYZ(26.3399, 20.8846, 32.3486)
contains.

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Color

**XYZ(26.3399, 20.8846,
32.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	A46C98
RGB	164, 108, 152
RGB Percent	64%, 42%, 60%
CMY	0.3569, 0.5765, 0.4039
CMYK	0.00, 0.34, 0.07, 0.36
HSL	313°, 24%, 53%
HSV	313°, 34%, 64%
XYZ	26.3399, 20.8846, 32.3486
YIQ	129.7600, 19.2520, 25.5560

Conversions

Conversions Part 2

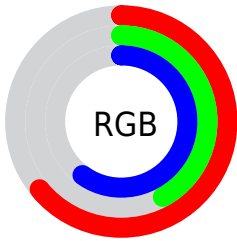
Format	Color
RYB	164, 108, 152
Decimal	10775704
CIELab	52.82, 29.33, -14.79
CIELCh	53, 32.852, 333.238
Yxy	20.8846, 0.3310, 0.2625
Android (android.graphics.Color)	4288965784 (0xFFA46C98)
YUV	129.7600, 10.9643, 30.0285
Hunter-Lab	45.6997, 22.9075, -9.9788

Details

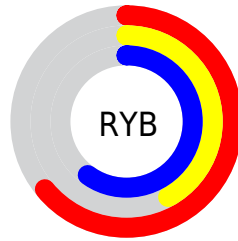
The XYZ color **26.3399, 20.8846, 32.3486** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8508, 31.0958, 22.5683**, and the grayscale version is **21.0917, 22.1901, 24.1650**.

A 20% lighter version of the original color is **53.2266, 44.8135, 64.2370**, and **10.4685, 7.4470, 13.1976** is the 20% darker color. If you saturate the color by 10%, you get **24.4868, 17.6320, 30.3318**, and if you desaturate by 10%, it is **28.5282, 24.7932, 34.5197**.

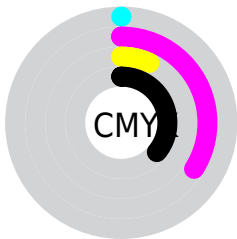
Distribution



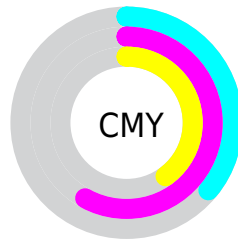
- Red (64%)
- Green (42%)
- Blue (60%)



- Red (64%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3399, 20.8846, 32.3486 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 26.3399, 20.8846, 32.3486 by changing the saturation by 10% instead.

■ 26.3399, 20.8846,
32.3486

■ 26.3399, 20.8846,
32.3486

276.6729,
256.6646, 327.2457

■ 17.2121, 13.0397,
21.3609

■ 53.2502, 44.8954,
64.4614

■ 10.4821, 7.4559,
13.1942

■ 71.7634, 61.8301,
86.4236

■ 5.7844, 3.7488,
7.4301

■ 94.1358, 82.5634,
112.8811

■ 2.7539, 1.5341,
3.6500

■ 120.7327,
107.4799, 144.2523

■ 1.0250, 0.3125,
1.4354

151.9195,
136.9638, 180.9558

■ 0.0000, 0.0000,
0.1691

188.0616,

■ 0.0000, 0.0000,

171.3997, 223.4102

0.0000

229.5242,
211.1718, 272.0340

■ 26.3399, 20.8846,
32.3486

■ 26.3399, 20.8846,
32.3486

■ 24.4868, 17.6320,
30.3318

■ 28.5282, 24.7932,
34.5197

■ 22.9486, 14.9959,
28.4615

■ 31.0666, 29.3888,
36.8497

■ 21.7057, 12.9371,
26.7310

■ 33.9717, 34.7037,
39.3447

■ 20.7356, 11.4106,
25.1324

■ 37.2581, 40.7673,
42.0099

■ 20.0125, 10.3647,
23.6568

■ 40.9398, 47.6075,
44.8505

■ 19.5051, 9.7374,
22.2933

■ 45.0302, 55.2507,
47.8710

■ 19.2629, 9.4737,
21.5318

■ 49.5417, 63.7220,
51.0761

■ 54.4866, 73.0455,
54.4701

■ 59.6832, 82.8579,
57.9929

Harmonies

Analogous

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



23.6887, 20.8846, 42.4771



26.3399, 20.8846, 32.3486



27.1892, 20.8846, 21.6897

Triad

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



26.3399, 20.8846, 32.3486



19.4801, 20.8846, 8.6151



14.8295, 20.8846, 34.7422

Complementary

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



26.3399, 20.8846, 32.3486



22.8508, 31.0958, 22.5683

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.



13.9671, 20.8846, 23.8232



26.3399, 20.8846, 32.3486



16.4505, 20.8846, 10.3184

Square

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



26.3399, 20.8846, 32.3486



22.9703, 20.8846, 9.7013



14.5249, 20.8846, 15.2514



17.0263, 20.8846, 44.1156

Rectangle

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



26.3399, 20.8846, 32.3486



26.5474, 20.8846, 16.0724



14.5249, 20.8846, 15.2514



14.3862, 20.8846, 31.0351

Sweetspot

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



26.3405, 20.8855, 32.3490



58.3956, 57.0027, 68.6429



19.6995, 17.3426, 37.4316



12.6165, 12.1881, 14.8766



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.3405, 20.8855, 32.3490



45.1926, 33.3021, 55.9011



24.3621, 20.0942, 21.9306



7.2990, 7.1761, 8.5611



14.7876, 7.2711, 16.6037



0.3261, 0.1589, 0.4298

Inverse Universe

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



26.3405, 20.8855, 32.3490



45.1926, 33.3021, 55.9011



24.7427, 31.8526, 32.5309



7.2990, 7.1761, 8.5611



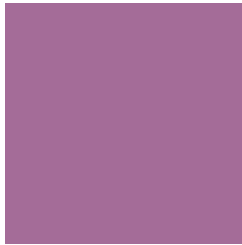
14.7876, 7.2711, 16.6037



0.3261, 0.1589, 0.4298

Previews

White Background



This preview shows how the XYZ color 26.3399, 20.8846, 32.3486 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 26.3399, 20.8846, 32.3486 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 26.3399, 20.8846, 32.3486

Background



This preview shows how black text looks on a background with the XYZ color 26.3399, 20.8846, 32.3486.



This preview shows how white text looks on a background with the XYZ color 26.3399, 20.8846,

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

26.3399, 20.8846, 32.3486

Protanopia

21.2369, 21.0606, 38.0677

Deuteranopia

21.4099, 20.9250, 31.3443



Tritanopia

24.0274, 20.9134, 21.1827

Trichromacy



Original Color

26.3399, 20.8846, 32.3486

Protanomaly

22.6149, 20.7183, 36.0648

Deuteranomaly

22.9680, 20.8216, 31.6626

Tritanomaly

24.7258, 20.8589, 24.9133

Monochromacy



Original Color

26.3399, 20.8846, 32.3486

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.7023, 21.5048, 26.9991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3399, 20.8846, 32.3486 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(164, 108, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 108, 152)  
}
```

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(164, 108, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 108, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.3399, 20.8846, 32.3486 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(164, 108, 152) }
```


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

```
.border{ border-color:rgb(164, 108, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 108, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 108, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 108, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 108,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3399, 20.8846, 32.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 108, 152) }
```

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

```
.background{ background-color: rgb(164,  
108, 152) }
```

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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