

Converting Colors

XYZ(20.2797, 16.1875, 26.8080)

Have a look what the booklet for
XYZ(20.2797, 16.1875, 26.8080)
contains.

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Color

**XYZ(20.3360, 16.2825,
26.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	8F618C
RGB	143, 97, 140
RGB Percent	56%, 38%, 55%
CMY	0.4392, 0.6196, 0.4510
CMYK	0.00, 0.32, 0.02, 0.44
HSL	304°, 19%, 47%
HSV	304°, 32%, 56%
XYZ	20.3360, 16.2825, 26.8820
YIQ	115.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

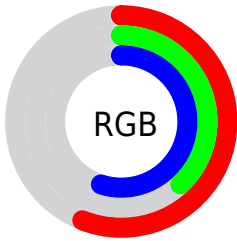
Format	Color
R_{YB}	143, 97, 140
Decimal	9396620
CIE _{Lab}	47.34, 26.02, -16.26
CIE _{LCh}	47, 30.681, 328.007
Yxy	16.2825, 0.3202, 0.2564
Android (android.graphics.Color)	4287586700 (0xFF8F618C)
YUV	115.6560, 12.0016, 23.9807
Hunter-Lab	40.3516, 19.3434, -11.2526

Details

The XYZ color **20.3360, 16.2825, 26.8820** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.0531, 23.1069, 15.6188**, and the grayscale version is **16.4573, 17.3144, 18.8554**.

A 20% lighter version of the original color is **43.3535, 36.9452, 55.8851**, and **7.3574, 5.2101, 10.2907** is the 20% darker color. If you saturate the color by 10%, you get **19.0636, 13.8470, 26.1202**, and if you desaturate by 10%, it is **21.8482, 19.1961, 27.7270**.

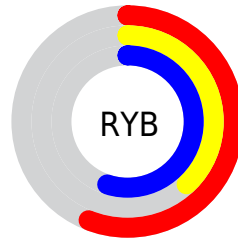
Distribution



Red (56%)

Green (38%)

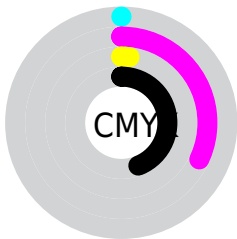
Blue (55%)



Red (56%)

Yellow (38%)

Blue (55%)

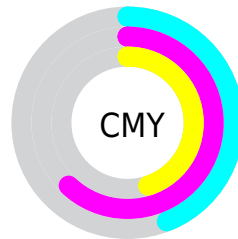


Cyan (0%)

Magenta (32%)

Yellow (2%)

Black (44%)



Cyan (44%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3360, 16.2825, 26.8820 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 20.3360, 16.2825, 26.8820 by changing the saturation by 10% instead.

■ 20.3360, 16.2825,
26.8820

■ 20.3360, 16.2825,
26.8820

246.5274,
231.0030, 300.8274

■ 12.7492, 9.7243,
17.2530

■ 43.4795, 37.0879,
55.6959

■ 7.3319, 5.2165,
10.2512

■ 59.7668, 52.1040,
75.7178

■ 3.7187, 2.3749,
5.4580

■ 79.6851, 70.7080,
100.0412

■ 1.5442, 0.8129,
2.4550

■ 103.5996, 93.2845,
129.0844

■ 0.3556, 0.0000,
0.8162

131.8757,
120.2179, 163.2661

■ 0.0000, 0.0000,
0.0000

164.8788,

151.8925, 203.0048

202.9743,
188.6927, 248.7191

■ 20.3360, 16.2825,
26.8820

■ 20.3360, 16.2825,
26.8820

■ 19.0636, 13.8470,
26.1202

■ 21.8482, 19.1961,
27.7270

■ 18.0167, 11.8618,
25.4362

■ 23.6105, 22.6092,
28.6581

■ 17.1817, 10.2996,
24.8257

■ 25.6345, 26.5448,
29.6793

■ 16.5431, 9.1293,
24.2835

■ 27.9306, 31.0237,
30.7941

■ 16.0833, 8.3155,
23.8038

■ 30.5086, 36.0654,
32.0058

■ 15.7812, 7.8163,
23.3795

■ 33.3779, 41.6887,
33.3174

■ 15.6082, 7.5518,
23.0703

■ 36.5473, 47.9113,
34.7321

■ 40.0254, 54.7504,
36.2525

■ 43.8204, 62.2223,
37.8816

Harmonies

Analogous

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



18.0575, 16.2825, 34.4635



20.3360, 16.2825, 26.8820



21.2977, 16.2825, 18.2535

Triad

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



20.3360, 16.2825, 26.8820



15.6581, 16.2825, 6.5962



11.3116, 16.2825, 25.7117

Complementary

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



20.3360, 16.2825, 26.8820



17.0531, 23.1069, 15.6188

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.



10.8256, 16.2825, 17.2144



20.3360, 16.2825, 26.8820



13.1531, 16.2825, 7.5384

Square

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



20.3360, 16.2825, 26.8820



18.4080, 16.2825, 7.8360



11.4595, 16.2825, 10.9323



12.8732, 16.2825, 33.6605

Rectangle

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



20.3360, 16.2825, 26.8820



20.9869, 16.2825, 13.4993



11.4595, 16.2825, 10.9323



11.0257, 16.2825, 22.7608

Sweetspot

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



20.3365, 16.2832, 26.8823



42.9533, 41.7918, 51.6662



14.4118, 13.2030, 27.7757



9.7505, 9.3902, 11.7971



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.3365, 16.2832, 26.8823



34.6362, 25.7449, 47.0834



18.8552, 15.6907, 19.0818



5.6113, 5.5050, 6.7170



13.8034, 6.6784, 20.4139



0.1349, 0.0650, 0.2108

Inverse Universe

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



20.3365, 16.2832, 26.8823



34.6362, 25.7449, 47.0834



18.2843, 23.5993, 22.1021



5.6113, 5.5050, 6.7170



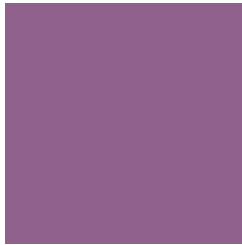
13.8034, 6.6784, 20.4139



0.1349, 0.0650, 0.2108

Previews

White Background



This preview shows how the XYZ color 20.3360, 16.2825, 26.8820 looks on a white background.

Color Contrast Check

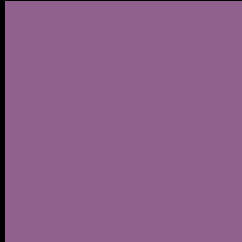
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.3360, 16.2825, 26.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

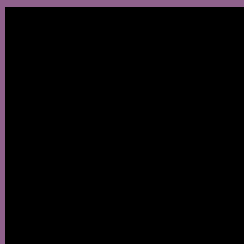
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.3360, 16.2825, 26.8820

Background



This preview shows how black text looks on a background with the XYZ color 20.3360, 16.2825, 26.8820.



This preview shows how white text looks on a background with the XYZ color 20.3360, 16.2825,

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

20.3360, 16.2825, 26.8820

Protanopia

16.6690, 16.3957, 31.1403

Deuteranopia

16.7189, 16.3663, 26.3226



Tritanopia

18.3670, 16.3372, 17.2243

Trichromacy



Original Color

20.3360, 16.2825, 26.8820

Protanomaly

17.6785, 16.1653, 29.3826

Deuteranomaly

17.8802, 16.1782, 26.6064

Tritanomaly

18.9817, 16.2880, 20.5558

Monochromacy



Original Color

20.3360, 16.2825, 26.8820

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7745, 16.8536, 21.7183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3360, 16.2825, 26.8820 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(143, 97, 140)` looks like.

```
.text, #text, p{  
    color:rgb(143, 97, 140)  
}
```

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(143, 97, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 97, 140) }
```

Border

The CSS property to change the border of an element to XYZ 20.3360, 16.2825, 26.8820 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(143, 97, 140) }
```


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

```
.border{ border-color:rgb(143, 97, 140) }
```

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

Here you see how a box with a 4 pixel rgb(143, 97, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 97, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 97, 140);  
box-shadow:4px 4px 4px 4px rgb(143, 97,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3360, 16.2825, 26.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 97, 140) }
```

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

```
.background{ background-color: rgb(143, 97,  
140) }
```

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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