

Converting Colors

XYZ(20.2314, 15.9203, 28.5898)

Have a look what the booklet for
XYZ(20.2314, 15.9203, 28.5898)
contains.

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Color

**XYZ(20.1108, 15.8608,
28.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5F90
RGB	141, 95, 144
RGB Percent	55%, 37%, 56%
CMY	0.4471, 0.6274, 0.4353
CMYK	0.02, 0.34, 0.00, 0.44
HSL	296°, 21%, 47%
HSV	296°, 34%, 56%
XYZ	20.1108, 15.8608, 28.3870
YIQ	114.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

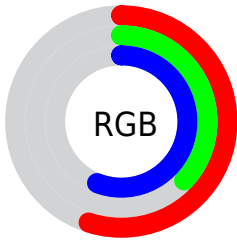
Format	Color
RYB	141, 95, 144
Decimal	9265040
CIELab	46.79, 27.29, -19.51
CIELCh	47, 33.545, 324.446
Yxy	15.8608, 0.3125, 0.2464
Android (android.graphics.Color)	4287455120 (0xFF8D5F90)
YUV	114.3400, 14.6224, 23.3808
Hunter-Lab	39.8256, 20.4426, -14.3829

Details

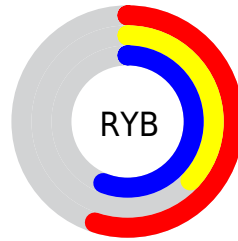
The XYZ color **20.1108, 15.8608, 28.3870** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.0763, 23.3698, 14.4381**, and the grayscale version is **16.0518, 16.8877, 18.3907**.

A 20% lighter version of the original color is **42.9776, 36.2371, 58.1554**, and **7.2087, 4.9970, 10.9405** is the 20% darker color. If you saturate the color by 10%, you get **18.7825, 13.4256, 27.9872**, and if you desaturate by 10%, it is **21.6811, 18.7776, 28.8675**.

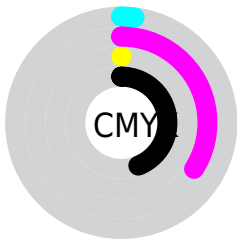
Distribution



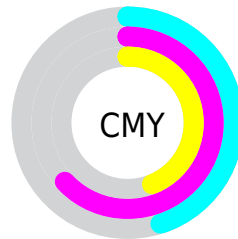
- Red (55%)
- Green (37%)
- Blue (56%)



- Red (55%)
- Yellow (37%)
- Blue (56%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (44%)



- Cyan (45%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1108, 15.8608, 28.3870 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 20.1108, 15.8608, 28.3870 by changing the saturation by 10% instead.

■ 20.1108, 15.8608,
28.3870

■ 20.1108, 15.8608,
28.3870

245.3365,
228.5189, 308.2815

■ 12.5843, 9.4257,
18.3760

■ 43.1054, 36.3564,
58.1322

■ 7.2180, 5.0199,
11.0481

■ 59.3042, 51.1857,
78.7036

■ 3.6463, 2.2589,
5.9846

■ 79.1246, 69.5818,
103.6321

■ 1.5041, 0.7518,
2.7671

■ 102.9318, 91.9291,
133.3363

■ 0.3286, 0.0000,
0.9770

131.0913,
118.6121, 168.2349

■ 0.0000, 0.0000,
0.0000

163.9683,

150.0152, 208.7462

201.9282,
186.5226, 255.2889

■ 20.1108, 15.8608,
28.3870

■ 20.1108, 15.8608,
28.3870

■ 18.7825, 13.4256,
27.9872

■ 21.6811, 18.7776,
28.8675

■ 17.6815, 11.4434,
27.6626

■ 23.5040, 22.1983,
29.4317

■ 16.7937, 9.8859,
27.4088

■ 25.5916, 26.1465,
30.0837

■ 16.1029, 8.7206,
27.2203

■ 27.9544, 30.6434,
30.8272

■ 15.5906, 7.9107,
27.0909

■ 30.6026, 35.7093,
31.6654

■ 15.2342, 7.4106,
27.0132

■ 33.5458, 41.3634,
32.6016

■ 15.0557, 7.1800,
26.9781

■ 36.7932, 47.6239,
33.6389

■ 40.3533, 54.5083,
34.7801

■ 44.2348, 62.0335,
36.0280

Harmonies

Analogous

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



17.5159, 15.8608, 36.3936



20.1108, 15.8608, 28.3870



21.3707, 15.8608, 18.8705

Triad

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



20.1108, 15.8608, 28.3870



15.6243, 15.8608, 5.7129



10.5265, 15.8608, 24.8013

Complementary

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



20.1108, 15.8608, 28.3870



17.0763, 23.3698, 14.4381

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.



10.1561, 15.8608, 15.7621



20.1108, 15.8608, 28.3870



12.8725, 15.8608, 6.3903

Square

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



20.1108, 15.8608, 28.3870



18.5751, 15.8608, 7.2250



10.9593, 15.8608, 9.5160



12.0451, 15.8608, 33.8990

Rectangle

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



20.1108, 15.8608, 28.3870



21.1809, 15.8608, 13.5666



10.9593, 15.8608, 9.5160



10.2725, 15.8608, 21.5920

Sweetspot

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



20.1113, 15.8615, 28.3873



42.8059, 41.7010, 52.3310



14.1467, 13.2327, 28.1943



9.7125, 9.3668, 11.9683



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.



20.1113, 15.8615, 28.3873



33.6047, 24.5481, 49.5051



19.1549, 15.5386, 20.6527



5.5941, 5.4945, 6.7945



13.1179, 6.2561, 23.4932



0.1318, 0.0631, 0.2249

Inverse Universe

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



17.7989, 14.9963, 13.5124



28.9094, 22.7991, 18.9463



17.8591, 23.6462, 20.2178



5.4214, 5.4291, 5.7173



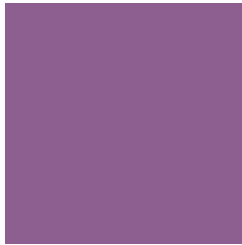
10.0612, 5.1815, 0.7074



0.0983, 0.0504, 0.0180

Previews

White Background



This preview shows how the XYZ color 20.1108, 15.8608, 28.3870 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

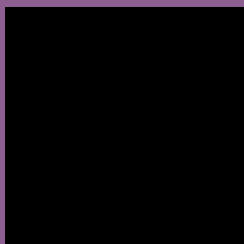
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.1108, 15.8608, 28.3870

Background



This preview shows how black text looks on a background with the XYZ color 20.1108, 15.8608, 28.3870.



This preview shows how white text looks on a background with the XYZ color 20.1108, 15.8608,

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

20.1108, 15.8608, 28.3870

Protanopia

16.4221, 16.0598, 33.2447

Deuteranopia

16.2202, 15.9245, 27.4181



Tritanopia

17.7192, 15.8628, 16.8798

Trichromacy



Original Color

20.1108, 15.8608, 28.3870

Protanomaly

17.4475, 15.8482, 31.4176

Deuteranomaly

17.4405, 15.7756, 27.7170

Tritanomaly

18.4559, 15.7321, 20.4762

Monochromacy



Original Color

20.1108, 15.8608, 28.3870

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.2715, 16.2811, 21.6343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1108, 15.8608, 28.3870 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(141, 95, 144)` looks like.

```
.text, #text, p{  
    color:rgb(141, 95, 144)  
}
```

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(141, 95, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 95, 144) }
```

Border

The CSS property to change the border of an element to XYZ 20.1108, 15.8608, 28.3870 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(141, 95, 144) }
```


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

```
.border{ border-color:rgb(141, 95, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 95, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 95, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 95, 144);  
box-shadow:4px 4px 4px 4px rgb(141, 95,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1108, 15.8608, 28.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 95, 144) }
```

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

```
.background{ background-color: rgb(141, 95,  
144) }
```

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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