

Converting Colors

XYZ(19.9181, 16.2053, 26.8913)

Have a look what the booklet for
XYZ(19.9181, 16.2053, 26.8913)
contains.

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Color

**XYZ(19.9165, 16.2043,
26.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	8C628C
RGB	140, 98, 140
RGB Percent	55%, 38%, 55%
CMY	0.4510, 0.6157, 0.4510
CMYK	0.00, 0.30, 0.00, 0.45
HSL	300°, 18%, 47%
HSV	300°, 30%, 55%
XYZ	19.9165, 16.2043, 26.8890
YIQ	115.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

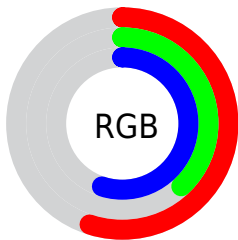
Format	Color
R _Y B	140, 98, 140
Decimal	9200268
CIE Lab	47.24, 24.39, -16.44
CIE LCh	47, 29.413, 326.014
Yxy	16.2043, 0.3161, 0.2572
Android (android.graphics.Color)	4287390348 (0xFF8C628C)
YUV	115.3460, 12.1544, 21.6216
Hunter-Lab	40.2546, 17.8698, -11.4260

Details

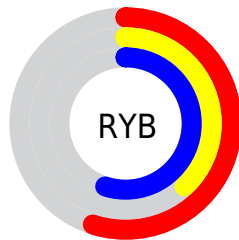
The XYZ color **19.9165, 16.2043, 26.8890** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.6204, 22.2352, 14.9720**, and the grayscale version is **16.3630, 17.2151, 18.7473**.

A 20% lighter version of the original color is **42.7332, 36.8593, 55.9012**, and **7.1059, 5.1432, 10.2911** is the 20% darker color. If you saturate the color by 10%, you get **18.7196, 13.8102, 26.4902**, and if you desaturate by 10%, it is **21.3436, 19.0581, 27.3649**.

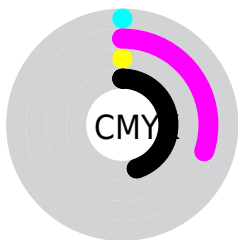
Distribution



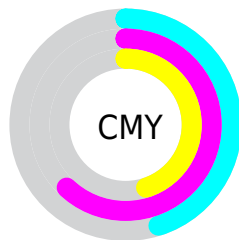
- Red (55%)
- Green (38%)
- Blue (55%)



- Red (55%)
- Yellow (38%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9165, 16.2043, 26.8890 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 19.9165, 16.2043, 26.8890 by changing the saturation by 10% instead.

■ 19.9165, 16.2043,
26.8890

■ 19.9165, 16.2043,
26.8890

244.3049,
230.5442, 300.8624

■ 12.4423, 9.6688,
17.2582

■ 42.7822, 36.9525,
55.7073

■ 7.1200, 5.1799,
10.2548

■ 58.9043, 51.9341,
75.7318

■ 3.5842, 2.3532,
5.4604

■ 78.6398, 70.4997,
100.0580

■ 1.4697, 0.8017,
2.4564

■ 102.3540, 93.0340,
129.1043

■ 0.3051, 0.0000,
0.8169

130.4122,
119.9212, 163.2894

■ 0.0000, 0.0000,
0.0000

163.1799,

151.5457, 203.0318

201.0223,
188.2919, 248.7499

■ 19.9165, 16.2043,
26.8890

■ 19.9165, 16.2043,
26.8890

■ 18.7196, 13.8102,
26.4902

■ 21.3436, 19.0581,
27.3649

■ 17.7394, 11.8497,
26.1635

■ 23.0103, 22.3916,
27.9205

■ 16.9633, 10.2976,
25.9048

■ 24.9276, 26.2263,
28.5596

■ 16.3771, 9.1251,
25.7094

■ 27.1053, 30.5815,
29.2854

■ 15.9643, 8.2996,
25.5718

■ 29.5524, 35.4757,
30.1011

■ 15.7060, 7.7831,
25.4857

■ 32.2778, 40.9265,
31.0096

■ 15.5490, 7.4690,
25.4333

■ 35.2899, 46.9507,
32.0136

■ 15.5490, 7.4689,
25.4333

■ 38.5967, 53.5642,
33.1159

■ 42.2058, 60.7826,
34.3189

Harmonies

Analogous

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



17.6935, 16.2043, 33.8374



19.9165, 16.2043, 26.8890



20.9297, 16.2043, 18.6549

Triad

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



19.9165, 16.2043, 26.8890



15.7508, 16.2043, 6.8892



11.3417, 16.2043, 24.6763

Complementary

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



19.9165, 16.2043, 26.8890



16.6204, 22.2352, 14.9720

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.



10.9443, 16.2043, 16.6698



19.9165, 16.2043, 26.8890



13.3169, 16.2043, 7.6714

Square

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



19.9165, 16.2043, 26.8890



18.3600, 16.2043, 8.2552



11.6266, 16.2043, 10.8054



12.7796, 16.2043, 32.3285

Rectangle

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



19.9165, 16.2043, 26.8890



20.7080, 16.2043, 13.9905



11.6266, 16.2043, 10.8054



11.0894, 16.2043, 21.8832

Sweetspot

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



19.9170, 16.2050, 26.8893



40.8245, 39.9902, 49.3102



14.2049, 13.3580, 26.6409



9.3116, 9.0240, 11.3305



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.9170, 16.2050, 26.8893



33.6440, 25.6293, 46.9167



18.5555, 15.6604, 19.7194



5.2339, 5.1290, 6.3200



13.8158, 6.6364, 22.5985



0.0918, 0.0441, 0.1501

Inverse Universe

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



17.3881, 15.1935, 13.5724



28.4434, 23.5491, 19.5303



17.7036, 22.6684, 20.6762



5.0329, 5.0486, 5.2616



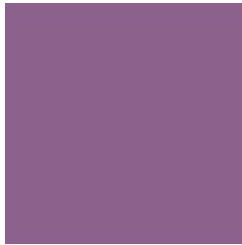
9.6098, 4.9540, 0.4497



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 19.9165, 16.2043, 26.8890 looks on a white background.

Color Contrast Check

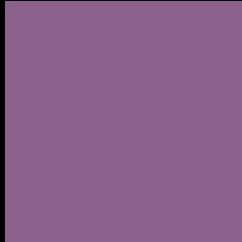
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9165, 16.2043, 26.8890 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 19.9165, 16.2043, 26.8890

Background



This preview shows how black text looks on a background with the XYZ color 19.9165, 16.2043, 26.8890.



This preview shows how white text looks on a background with the XYZ color 19.9165, 16.2043,

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

19.9165, 16.2043, 26.8890

Protanopia

16.5887, 16.3636, 30.7179

Deuteranopia

16.5938, 16.3018, 26.3167



Tritanopia

18.0283, 16.3047, 17.5262

Trichromacy



Original Color

19.9165, 16.2043, 26.8890

Protanomaly

17.5448, 16.0964, 29.3763

Deuteranomaly

17.6994, 16.2371, 26.6273

Tritanomaly

18.5808, 16.2262, 20.5650

Monochromacy



Original Color

19.9165, 16.2043, 26.8890

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.4189, 16.6776, 21.3698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9165, 16.2043, 26.8890 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(140, 98, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 98, 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(140, 98, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 98, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.9165, 16.2043, 26.8890 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(140, 98, 140) }
```


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

```
.border{ border-color:rgb(140, 98, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 98, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 98, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 98, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 98,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9165, 16.2043, 26.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 98, 140) }
```

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

```
.background{ background-color: rgb(140, 98,  
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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