

Converting Colors

XYZ(22.8392, 16.8932, 26.9024)

Have a look what the booklet for
XYZ(22.8392, 16.8932, 26.9024)
contains.

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Color

**XYZ(22.8588, 16.9187,
26.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5C8C
RGB	159, 92, 140
RGB Percent	62%, 36%, 55%
CMY	0.3765, 0.6392, 0.4510
CMYK	0.00, 0.42, 0.12, 0.38
HSL	317°, 27%, 49%
HSV	317°, 42%, 62%
XYZ	22.8588, 16.9187, 26.8718
YIQ	117.5050, 24.5240, 29.1320

Conversions

Conversions Part 2

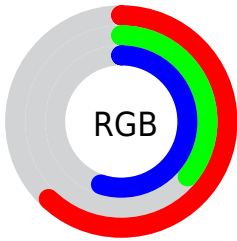
Format	Color
R_{YB}	159, 92, 140
Decimal	10443916
CIE _{Lab}	48.16, 34.40, -14.84
CIE _{LCh}	48, 37.461, 336.671
Yxy	16.9187, 0.3430, 0.2538
Android (android.graphics.Color)	4288633996 (0xFF9F5C8C)
YUV	117.5050, 11.0900, 36.3911
Hunter-Lab	41.1323, 27.2176, -9.9416

Details

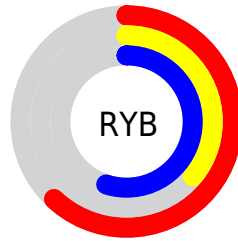
The XYZ color **22.8588, 16.9187, 26.8718** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.6817, 28.2197, 19.4497**, and the grayscale version is **17.0271, 17.9138, 19.5081**.

A 20% lighter version of the original color is **47.7352, 38.2886, 55.9135**, and **8.6532, 5.5301, 10.2842** is the 20% darker color. If you saturate the color by 10%, you get **21.2976, 14.3174, 24.7445**, and if you desaturate by 10%, it is **24.7237, 20.1052, 29.1679**.

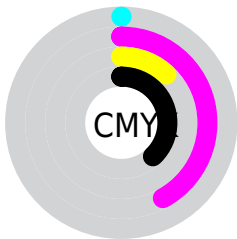
Distribution



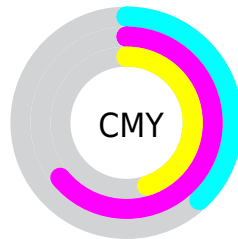
- Red (62%)
- Green (36%)
- Blue (55%)



- Red (62%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8588, 16.9187, 26.8718 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 22.8588, 16.9187, 26.8718 by changing the saturation by 10% instead.

■ 22.8588, 16.9187,
26.8718

■ 22.8588, 16.9187,
26.8718

259.5478,
234.7034, 300.7764

■ 14.6094, 10.1765,
17.2454

■ 47.6297, 38.1859,
55.6793

■ 8.6302, 5.5162,
10.2458

■ 64.8820, 53.4798,
75.6975

■ 4.5560, 2.5532,
5.4545

■ 85.8659, 72.3930,
100.0167

■ 2.0212, 0.9032,
2.4530

■ 110.9468, 95.3100,
129.0554

■ 0.6458, 0.0000,
0.8151

140.4901,
122.6152, 163.2321

■ 0.0000, 0.0000,
0.0000

174.8612,

154.6929, 202.9656

214.4253,
191.9275, 248.6741

■ 22.8588, 16.9187,
26.8718

■ 22.8588, 16.9187,
26.8718

■ 21.2976, 14.3174,
24.7445

■ 24.7237, 20.1052,
29.1679

■ 20.0202, 12.2623,
22.7781

■ 26.9076, 23.9078,
31.6382

■ 19.0067, 10.7137,
20.9653

■ 29.4266, 28.3583,
34.2889

■ 18.2336, 9.6250,
19.2974

■ 32.2951, 33.4853,
37.1257

■ 17.6735, 8.9414,
17.7645

■ 35.5268, 39.3159,
40.1539

■ 17.3302, 8.5838,
16.6358

■ 39.1346, 45.8756,
43.3784

■ 43.1307, 53.1887,
46.8041

■ 47.5268, 61.2783,
50.4356

■ 52.3342, 70.1667,
54.2773

Harmonies

Analogous

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



20.3078, 16.9187, 37.8800



22.8588, 16.9187, 26.8718



23.4839, 16.9187, 16.3320

Triad

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



22.8588, 16.9187, 26.8718



15.3335, 16.9187, 5.3842



11.3880, 16.9187, 32.0119

Complementary

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



22.8588, 16.9187, 26.8718



19.6817, 28.2197, 19.4497

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.



10.4241, 16.9187, 20.6823



22.8588, 16.9187, 26.8718



12.4851, 16.9187, 7.1184

Square

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



22.8588, 16.9187, 26.8718



18.8100, 16.9187, 6.0262



10.7955, 16.9187, 11.9594



13.6291, 16.9187, 41.5054

Rectangle

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



22.8588, 16.9187, 26.8718



22.6558, 16.9187, 11.2331



10.7955, 16.9187, 11.9594



10.9194, 16.9187, 28.1640

Sweetspot

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



22.8593, 16.9195, 26.8721



52.1683, 49.8421, 60.8642



16.6394, 13.5369, 34.5369



11.5390, 10.8427, 13.4921



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.8593, 16.9195, 26.8721



38.1842, 25.7102, 44.3759



20.7543, 16.0775, 15.7873



6.8239, 6.7225, 7.9236



13.7064, 6.7871, 13.2369



0.2621, 0.1282, 0.3263

Inverse Universe

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



22.8593, 16.9195, 26.8721



38.1842, 25.7102, 44.3759



21.8834, 29.1004, 31.0437



6.8239, 6.7225, 7.9236



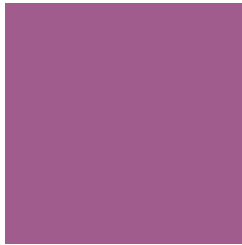
13.7064, 6.7871, 13.2369



0.2621, 0.1282, 0.3263

Previews

White Background



This preview shows how the XYZ color 22.8588, 16.9187, 26.8718 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 22.8588, 16.9187, 26.8718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

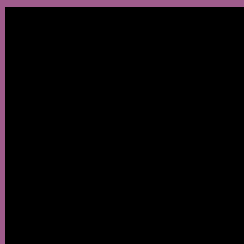
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.8588, 16.9187, 26.8718

Background



This preview shows how black text looks on a background with the XYZ color 22.8588, 16.9187, 26.8718.



This preview shows how white text looks on a background with the XYZ color 22.8588, 16.9187,

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

22.8588, 16.9187, 26.8718

Protanopia

17.4150, 17.0604, 33.3855

Deuteranopia

17.3083, 17.0108, 25.6637



Tritanopia

20.5809, 16.9329, 15.8193

Trichromacy



Original Color

22.8588, 16.9187, 26.8718

Protanomaly

18.7250, 16.5161, 31.0552

Deuteranomaly

18.9270, 16.7346, 25.8994

Tritanomaly

21.1632, 16.7417, 19.2556

Monochromacy



Original Color

22.8588, 16.9187, 26.8718

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.9074, 17.4302, 22.1065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8588, 16.9187, 26.8718 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(159, 92, 140)` looks like.

```
.text, #text, p{  
    color:rgb(159, 92, 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(159, 92, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 92, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.8588, 16.9187, 26.8718 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(159, 92, 140) }
```


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

```
.border{ border-color:rgb(159, 92, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 92, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 92, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 92, 140);  
box-shadow:4px 4px 4px 4px rgb(159, 92,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8588, 16.9187, 26.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 92, 140) }
```

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

```
.background{ background-color: rgb(159, 92,  
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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