

Converting Colors

XYZ(21.3978, 17.8150, 26.2366)

Have a look what the booklet for
XYZ(21.3978, 17.8150, 26.2366)
contains.

XYZ(21.3918, 17.8466, 26.3620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.3918, 17.8466,
26.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	92688A
RGB	146, 104, 138
RGB Percent	57%, 41%, 54%
CMY	0.4274, 0.5921, 0.4588
CMYK	0.00, 0.29, 0.05, 0.43
HSL	311°, 17%, 49%
HSV	311°, 29%, 57%
XYZ	21.3918, 17.8466, 26.3620
YIQ	120.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

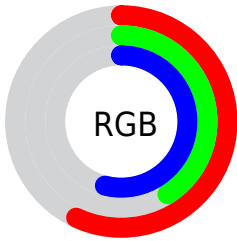
Format	Color
R_{YB}	146, 104, 138
Decimal	9595018
CIE Lab	49.31, 22.63, -12.05
CIE LCh	49, 25.641, 331.968
Yxy	17.8466, 0.3261, 0.2721
Android (android.graphics.Color)	4287785098 (0xFF92688A)
YUV	120.4340, 8.6600, 22.4214
Hunter-Lab	42.2452, 16.4582, -7.4267

Details

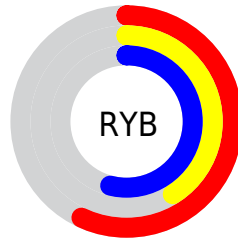
The XYZ color **21.3918, 17.8466, 26.3620** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.9132, 24.6712, 19.0955**, and the grayscale version is **17.9620, 18.8974, 20.5793**.

A 20% lighter version of the original color is **45.1119, 39.8179, 54.5982**, and **7.8949, 5.9658, 9.9679** is the 20% darker color. If you saturate the color by 10%, you get **19.8489, 15.0786, 24.8671**, and if you desaturate by 10%, it is **23.1954, 21.1271, 27.9697**.

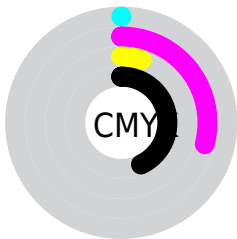
Distribution



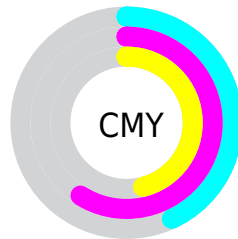
- Red (57%)
- Green (41%)
- Blue (54%)



- Red (57%)
- Yellow (41%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (43%)



- Cyan (43%)
- Magenta (59%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3918, 17.8466, 26.3620 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 21.3918, 17.8466, 26.3620 by changing the saturation by 10% instead.

■ 21.3918, 17.8466,
26.3620

■ 21.3918, 17.8466,
26.3620

252.0459,
240.0050, 298.2164

■ 13.5248, 10.8399,
16.8665

■ 45.2251, 39.7758,
54.8496

■ 7.8704, 5.9593,
9.9784

■ 61.9220, 55.4670,
74.6787

■ 4.0632, 2.8203,
5.2792

■ 82.2930, 74.8219,
98.7895

■ 1.7380, 1.0387,
2.3504

■ 106.7034, 98.2249,
127.6004

■ 0.4799, 0.0000,
0.7593

135.5185,
126.0603, 161.5300

■ 0.0000, 0.0000,
0.0000

169.1038,

158.7125, 200.9969

207.8244,
196.5659, 246.4195

■ 21.3918, 17.8466,
26.3620

■ 21.3918, 17.8466,
26.3620

■ 19.8489, 15.0786,
24.8671

■ 23.1954, 21.1271,
27.9697

■ 18.5519, 12.7945,
23.4792

■ 25.2703, 24.9422,
29.6932

■ 17.4870, 10.9666,
22.1937

■ 27.6285, 29.3154,
31.5370

■ 16.6384, 9.5633,
21.0052

■ 30.2806, 34.2682,
33.5047

■ 15.9883, 8.5488,
19.9076

■ 33.2369, 39.8208,
35.6001

■ 15.5160, 7.8819,
18.8937

■ 36.5072, 45.9927,
37.8264

■ 15.1755, 7.4709,
17.9480

■ 40.1006, 52.8023,
40.1869

■ 15.1354, 7.4236,
17.8336

■ 44.0260, 60.2674,
42.6849

■ 48.2920, 68.4049,
45.3232

Harmonies

Analogous

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



19.5370, 17.8466, 33.0090



21.3918, 17.8466, 26.3620



22.0296, 17.8466, 18.9796

Triad

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



21.3918, 17.8466, 26.3620



16.8040, 17.8466, 8.9553



13.3265, 17.8466, 27.3416

Complementary

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



21.3918, 17.8466, 26.3620



18.9132, 24.6712, 19.0955

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.



12.7391, 17.8466, 19.8914



21.3918, 17.8466, 26.3620



14.6250, 17.8466, 10.2058

Square

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



21.3918, 17.8466, 26.3620



19.2356, 17.8466, 9.9119



13.1914, 17.8466, 13.8371



14.8762, 17.8466, 33.6623

Rectangle

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



21.3918, 17.8466, 26.3620



21.6346, 17.8466, 14.8770



13.1914, 17.8466, 13.8371



13.0169, 17.8466, 24.8329

Sweetspot

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



21.3923, 17.8474, 26.3624



44.4168, 43.7004, 52.2507



16.7834, 15.4020, 29.2827



9.7683, 9.5137, 11.5324



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.



21.3923, 17.8474, 26.3624



35.8004, 28.0003, 44.6538



20.0336, 17.3039, 19.2072



5.9884, 5.8904, 7.0452



13.3268, 6.5358, 15.7339



0.1729, 0.0839, 0.2442

Inverse Universe

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



21.3923, 17.8474, 26.3624



35.8004, 28.0003, 44.6538



20.2014, 25.1865, 25.8791



5.9884, 5.8904, 7.0452



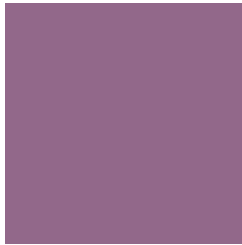
13.3268, 6.5358, 15.7339



0.1729, 0.0839, 0.2442

Previews

White Background



This preview shows how the XYZ color 21.3918, 17.8466, 26.3620 looks on a white background.

Color Contrast Check

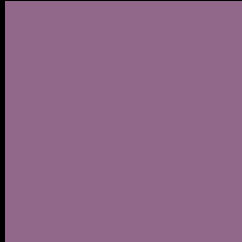
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3918, 17.8466, 26.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

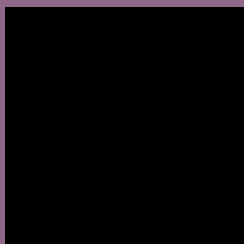
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3918, 17.8466, 26.3620

Background



This preview shows how black text looks on a background with the XYZ color 21.3918, 17.8466, 26.3620.



This preview shows how white text looks on a background with the XYZ color 21.3918, 17.8466,

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

21.3918, 17.8466, 26.3620

Protanopia

17.8641, 17.8811, 29.7040

Deuteranopia

18.3204, 18.0321, 25.8075



Tritanopia

19.8426, 17.8257, 18.9179

Trichromacy



Original Color

21.3918, 17.8466, 26.3620

Protanomaly

18.9205, 17.7825, 28.4217

Deuteranomaly

19.2531, 17.8421, 26.0960

Tritanomaly

20.3974, 17.8999, 21.4488

Monochromacy



Original Color

21.3918, 17.8466, 26.3620

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.9013, 18.2341, 22.6020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3918, 17.8466, 26.3620 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(146, 104, 138)` looks like.

```
.text, #text, p{  
    color:rgb(146, 104, 138)  
}
```

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(146, 104, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 104, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.3918, 17.8466, 26.3620 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(146, 104, 138) }
```


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

```
.border{ border-color:rgb(146, 104, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 104, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 104, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 104, 138); box-shadow:4px 4px 4px 4px rgb(146, 104, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3918, 17.8466, 26.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 104, 138) }
```

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

```
.background{ background-color: rgb(146,  
104, 138) }
```

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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