

Converting Colors

XYZ(21.1837, 17.6421, 21.2598)

Have a look what the booklet for
XYZ(21.1837, 17.6421, 21.2598)
contains.

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Color

**XYZ(21.2508, 17.7350,
21.3719)**

Conversions

Conversions Part 1

Format	Color
Hex	97677C
RGB	151, 103, 124
RGB Percent	59%, 40%, 49%
CMY	0.4078, 0.5961, 0.5137
CMYK	0.00, 0.32, 0.18, 0.41
HSL	334°, 19%, 50%
HSV	334°, 32%, 59%
XYZ	21.2508, 17.7350, 21.3719
YIQ	119.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

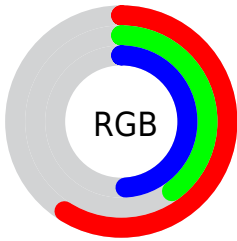
Format	Color
R_{YB}	151, 103, 124
Decimal	9922428
CIE Lab	49.17, 22.55, -3.86
CIE LCh	49, 22.880, 350.277
Yxy	17.7350, 0.3521, 0.2938
Android (android.graphics.Color)	4288112508 (0xFF97677C)
YUV	119.7460, 2.0972, 27.4098
Hunter-Lab	42.1129, 16.3760, -0.6100

Details

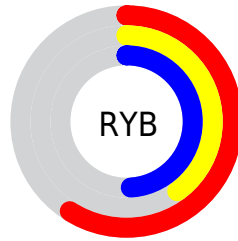
The XYZ color **21.2508, 17.7350, 21.3719** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6901, 26.6289, 25.1697**, and the grayscale version is **17.7605, 18.6855, 20.3485**.

A 20% lighter version of the original color is **45.0114, 39.6991, 46.3646**, and **7.7818, 5.8930, 7.3839** is the 20% darker color. If you saturate the color by 10%, you get **19.3681, 14.7925, 18.2072**, and if you desaturate by 10%, it is **23.4520, 21.2402, 24.8715**.

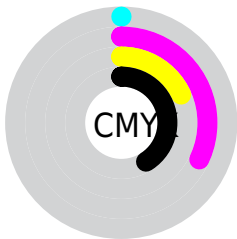
Distribution



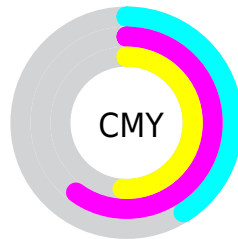
- Red (59%)
- Green (40%)
- Blue (49%)



- Red (59%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2508, 17.7350, 21.3719 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 21.2508, 17.7350, 21.3719 by changing the saturation by 10% instead.

■ 21.2508, 17.7350,
21.3719

■ 21.2508, 17.7350,
21.3719

251.3149,
239.3731, 272.0941

■ 13.4210, 10.7599,
13.2022

■ 44.9927, 39.5853,
46.5945

■ 7.7980, 5.9056,
7.4356

■ 61.6355, 55.2292,
64.4844

■ 4.0167, 2.7878,
3.6534

■ 81.9466, 74.5315,
86.4516

■ 1.7116, 1.0220,
1.4372

■ 106.2914, 97.8767,
112.9145

■ 0.4635, 0.0000,
0.1705

135.0353,
125.6490, 144.2916

■ 0.0000, 0.0000,
0.0000

168.5436,

158.2329, 181.0016

207.1817,
196.0128, 223.4629

■ 21.2508, 17.7350,
21.3719

■ 21.2508, 17.7350,
21.3719

■ 19.3681, 14.7925,
18.2072

■ 23.4520, 21.2402,
24.8715

■ 17.7867, 12.3805,
15.3654

■ 25.9849, 25.3330,
28.7153

■ 16.4899, 10.4673,
12.8351


■ 28.8637, 30.0400,
32.9136


■ 15.4586, 9.0170,
10.6038

■ 32.1012, 35.3852,
37.4758


■ 14.6713, 7.9885,
8.6577


■ 35.7097, 41.3915,
42.4111


 14.1027, 7.3337,
6.9816

 39.7009, 48.0806,
47.7281

 13.7476, 6.9734,
5.7846

 44.0857, 55.4732,
53.4354

 48.8750, 63.5891,
59.5409

 54.0789, 72.4473,
66.0527

Harmonies

Analogous

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



20.2271, 17.7350, 27.8724



21.2508, 17.7350, 21.3719



21.0228, 17.7350, 15.5042

Triad

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



21.2508, 17.7350, 21.3719



15.4691, 17.7350, 10.2244



14.3590, 17.7350, 29.8781

Complementary

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



21.2508, 17.7350, 21.3719



20.6901, 26.6289, 25.1697

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.



13.2807, 17.7350, 23.6935



21.2508, 17.7350, 21.3719



13.8830, 17.7350, 12.7103

Square

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



21.2508, 17.7350, 21.3719



17.5618, 17.7350, 9.8612



13.1142, 17.7350, 17.3859



16.1705, 17.7350, 33.4262

Rectangle

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



21.2508, 17.7350, 21.3719



20.1982, 17.7350, 12.6444



13.1142, 17.7350, 17.3859



13.9055, 17.7350, 27.9840

Sweetspot

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



21.2513, 17.7358, 21.3723



47.3112, 46.6302, 52.5747



19.5510, 16.6343, 31.4586



10.6092, 10.3640, 11.7362



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.2513, 17.7358, 21.3723



35.6476, 27.9830, 34.2594



20.3037, 17.7442, 15.1878



6.3154, 6.2653, 7.0410



11.7093, 5.9379, 4.9941



0.1929, 0.0959, 0.1685

Inverse Universe

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



21.2513, 17.7358, 21.3723



35.6476, 27.9830, 34.2594



21.8642, 26.4869, 33.2384



6.3154, 6.2653, 7.0410



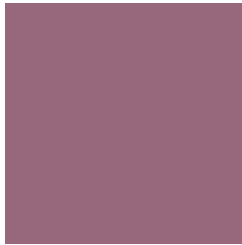
11.7093, 5.9379, 4.9941



0.1929, 0.0959, 0.1685

Previews

White Background



This preview shows how the XYZ color 21.2508, 17.7350, 21.3719 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 21.2508, 17.7350, 21.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

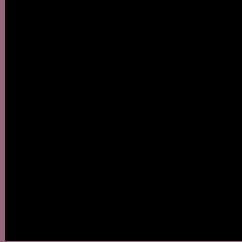
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2508, 17.7350, 21.3719

Background



This preview shows how black text looks on a background with the XYZ color 21.2508, 17.7350, 21.3719.



This preview shows how white text looks on a background with the XYZ color 21.2508, 17.7350,

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

21.2508, 17.7350, 21.3719

Protanopia

17.4805, 17.8016, 24.3445

Deuteranopia

18.1344, 17.8754, 20.9069



Tritanopia

20.6099, 17.7794, 17.9683

Trichromacy



Original Color

21.2508, 17.7350, 21.3719

Protanomaly

18.5490, 17.5431, 23.1774

Deuteranomaly

19.1428, 17.7328, 21.1527

Tritanomaly

20.7389, 17.6690, 19.1470

Monochromacy



Original Color

21.2508, 17.7350, 21.3719

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.8286, 18.2404, 20.6175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2508, 17.7350, 21.3719 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(151, 103, 124)` looks like.

```
.text, #text, p{  
    color:rgb(151, 103, 124)  
}
```

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(151, 103, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 103, 124) }
```

Border

The CSS property to change the border of an element to XYZ 21.2508, 17.7350, 21.3719 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(151, 103, 124) }
```


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

```
.border{ border-color:rgb(151, 103, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 103, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 103, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 103, 124);  
box-shadow:4px 4px 4px 4px rgb(151, 103,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2508, 17.7350, 21.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 103, 124) }
```

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

```
.background{ background-color: rgb(151,  
103, 124) }
```

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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