

Converting Colors

XYZ(25.8855, 21.4345, 20.0385)

Have a look what the booklet for
XYZ(25.8855, 21.4345, 20.0385)
contains.

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Color

**XYZ(25.7490, 21.3348,
19.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6F76
RGB	171, 111, 118
RGB Percent	67%, 44%, 46%
CMY	0.3294, 0.5647, 0.5373
CMYK	0.00, 0.35, 0.31, 0.33
HSL	353°, 26%, 55%
HSV	353°, 35%, 67%
XYZ	25.7490, 21.3348, 19.9004
YIQ	129.7380, 33.5130, 14.8970

Conversions

Conversions Part 2

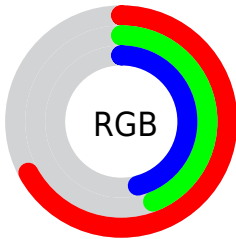
Format	Color
R_{YB}	171, 111, 118
Decimal	11235190
CIE Lab	53.31, 24.76, 6.01
CIE LCh	53, 25.478, 13.636
Yxy	21.3348, 0.3844, 0.3185
Android (android.graphics.Color)	4289425270 (0xFFAB6F76)
YUV	129.7380, -5.7868, 36.1868
Hunter-Lab	46.1896, 18.6753, 6.7881

Details

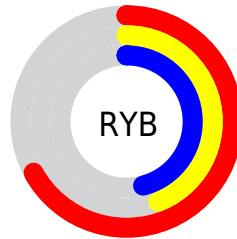
The XYZ color **25.7490, 21.3348, 19.9004** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.8202, 35.1861, 40.4491**, and the grayscale version is **21.1376, 22.2384, 24.2176**.

A 20% lighter version of the original color is **52.3478, 45.5906, 44.0711**, and **10.1642, 7.6694, 6.7390** is the 20% darker color. If you saturate the color by 10%, you get **23.2317, 17.6235, 14.9815**, and if you desaturate by 10%, it is **28.7684, 25.8200, 25.6964**.

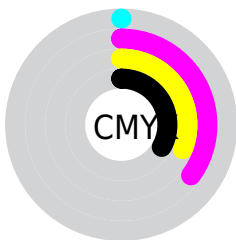
Distribution



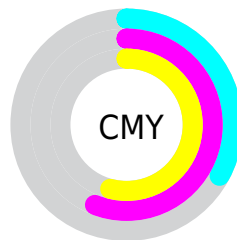
- Red (67%)
- Green (44%)
- Blue (46%)



- Red (67%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7490, 21.3348, 19.9004 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 25.7490, 21.3348, 19.9004 by changing the saturation by 10% instead.


 25.7490, 21.3348,
19.9004


 25.7490, 21.3348,
19.9004


273.8271,
259.0525, 263.9618


 16.7677, 13.3689,
12.1393


 52.3039, 45.6441,
44.1069


 10.1632, 7.6831,
6.7149


 70.6082, 62.7563,
61.3894

 5.5704, 3.8928,
3.2087

 92.7509, 83.6861,
82.6828

 2.6238, 1.6138,
1.2022

 119.0973,
108.8178, 108.4056

 0.9581, 0.3669,
0.0000

150.0127,
138.5359, 138.9763

 0.0000, 0.0000,
0.0000

185.8626,

173.2248, 174.8136

227.0123,
213.2689, 216.3359

■ 25.7490, 21.3348,
19.9004

■ 25.7490, 21.3348,
19.9004

■ 23.2317, 17.6235,
14.9815

■ 28.7684, 25.8200,
25.6964

■ 21.1875, 14.6395,
10.8957

■ 32.3134, 31.1162,
32.4082

■ 19.5871, 12.3356,
7.5970


■ 36.4081, 37.2618,
40.0735


■ 18.3971, 10.6583,
5.0344


■ 41.0745, 44.2920,
48.7276

■ 17.5795, 9.5455,
3.1509


■ 46.3335, 52.2398,
58.4041

 17.0879, 8.9212,
1.8805

 52.2048, 61.1366,
69.1349

 16.9203, 8.7082,
1.4481

 58.7075, 71.0124,
80.9505

 65.8595, 81.8956,
93.8802

 70.4367, 87.3308,
106.8717

Harmonies

Analogous

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



25.6741, 21.3348, 27.6724



25.7490, 21.3348, 19.9004



24.2692, 21.3348, 14.4117

Triad

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



25.7490, 21.3348, 19.9004



16.9047, 21.3348, 14.0509



18.8513, 21.3348, 40.6005

Complementary

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



25.7490, 21.3348, 19.9004



27.8202, 35.1861, 40.4491

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.



16.7504, 21.3348, 35.0650



25.7490, 21.3348, 19.9004



15.6966, 21.3348, 19.2904

Square

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



25.7490, 21.3348, 19.9004



19.0795, 21.3348, 11.5762



15.6428, 21.3348, 26.9116



21.5259, 21.3348, 40.8667

Rectangle

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



25.7490, 21.3348, 19.9004



22.6702, 21.3348, 12.2988



15.6428, 21.3348, 26.9116



18.0605, 21.3348, 39.2469

Sweetspot

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



25.7496, 21.3358, 19.9008



60.6056, 59.8253, 63.1760



28.3456, 22.2027, 41.3196



13.3064, 13.0281, 13.6968



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7496, 21.3358, 19.9008



42.5852, 33.0003, 28.7581



28.1896, 26.8567, 18.7384



8.0418, 8.0300, 8.5311



12.7661, 6.5690, 1.1480



0.3669, 0.1874, 0.0937

Inverse Universe

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



25.7496, 21.3358, 19.9008



42.5852, 33.0003, 28.7581



24.4970, 27.5004, 42.5451



8.0418, 8.0300, 8.5311



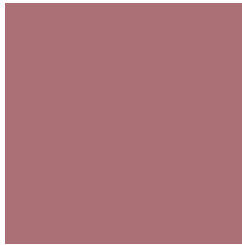
12.7661, 6.5690, 1.1480



0.3669, 0.1874, 0.0937

Previews

White Background



This preview shows how the XYZ color 25.7490, 21.3348, 19.9004 looks on a white background.

Color Contrast Check

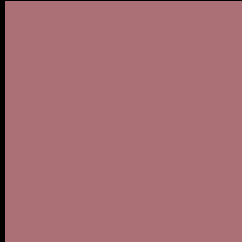
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.7490, 21.3348, 19.9004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

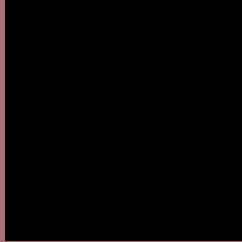
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7490, 21.3348, 19.9004

Background



This preview shows how black text looks on a background with the XYZ color 25.7490, 21.3348, 19.9004.



This preview shows how white text looks on a background with the XYZ color 25.7490, 21.3348,

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

25.7490, 21.3348, 19.9004

Protanopia

20.6261, 21.4569, 23.1332

Deuteranopia

21.7369, 21.3562, 19.4995



Tritanopia

25.8088, 21.3587, 20.2151

Trichromacy



Original Color

25.7490, 21.3348, 19.9004

Protanomaly

22.1525, 21.1497, 21.9835

Deuteranomaly

23.1341, 21.3480, 19.7309

Tritanomaly

25.8088, 21.3587, 20.2151

Monochromacy



Original Color

25.7490, 21.3348, 19.9004

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5259, 21.6920, 22.7384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7490, 21.3348, 19.9004 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(171, 111, 118)` looks like.

```
.text, #text, p{  
    color:rgb(171, 111, 118)  
}
```

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(171, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 111, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.7490, 21.3348, 19.9004 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(171, 111, 118) }
```


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

```
.border{ border-color:rgb(171, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(171, 111,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7490, 21.3348, 19.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 111, 118) }
```

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

```
.background{ background-color: rgb(171,  
111, 118) }
```

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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