

Converting Colors

XYZ(25.1273, 21.2178, 18.1094)

Have a look what the booklet for
XYZ(25.1273, 21.2178, 18.1094)
contains.

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Color

**XYZ(25.0810, 21.1932,
18.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	A97070
RGB	169, 112, 112
RGB Percent	66%, 44%, 44%
CMY	0.3373, 0.5608, 0.5608
CMYK	0.00, 0.34, 0.34, 0.34
HSL	0°, 25%, 55%
HSV	0°, 34%, 66%
XYZ	25.0810, 21.1932, 18.0980
YIQ	129.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

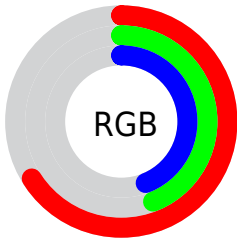
Format	Color
R_{YB}	169, 112, 112
Decimal	11104368
CIE _{Lab}	53.16, 22.60, 9.28
CIE _{LCh}	53, 24.430, 22.318
Yxy	21.1932, 0.3896, 0.3292
Android (android.graphics.Color)	4289294448 (0xFFA97070)
YUV	129.0430, -8.4022, 35.0423
Hunter-Lab	46.0361, 16.6858, 8.9168

Details

The XYZ color **25.0810, 21.1932, 18.0980** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0310, 34.6841, 42.7535**, and the grayscale version is **20.9020, 21.9905, 23.9476**.

A 20% lighter version of the original color is **51.3403, 45.4000, 41.1791**, and **9.7732, 7.5700, 5.7965** is the 20% darker color. If you saturate the color by 10%, you get **22.5341, 17.4665, 13.0342**, and if you desaturate by 10%, it is **28.1556, 25.6924, 24.2095**.

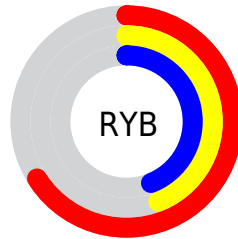
Distribution



Red (66%)

Green (44%)

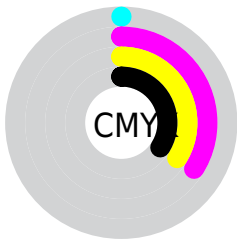
Blue (44%)



Red (66%)

Yellow (44%)

Blue (44%)

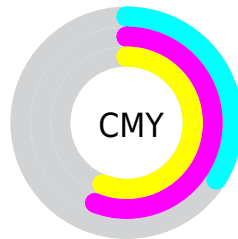


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (34%)



Cyan (34%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0810, 21.1932, 18.0980 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 25.0810, 21.1932, 18.0980 by changing the saturation by 10% instead.


 25.0810, 21.1932,
18.0980


 25.0810, 21.1932,
18.0980


270.5813,
258.3035, 253.6775


 16.2665, 13.2653,
10.8502


 51.2305, 45.4089,
41.0204


 9.8050, 7.6115,
5.8533


 69.2963, 62.4654,
57.5322

 5.3311, 3.8474,
2.6887


 91.1764, 83.3336,
77.9689

 2.4796, 1.5886,
0.9377

 117.2364,
108.3979, 102.7493

 0.8850, 0.3499,
0.0000

147.8415,
138.0426, 132.2918

 0.0000, 0.0000,
0.0000

183.3571,

172.6522, 167.0150

224.1486,
212.6110, 207.3373

■ 25.0810, 21.1932,
18.0980

■ 25.0810, 21.1932,
18.0980

■ 22.5341, 17.4665,
13.0342

■ 28.1556, 25.6924,
24.2095

■ 20.4837, 14.4661,
8.9582

■ 31.7835, 31.0010,
31.4216

■ 18.8979, 12.1456,
5.8058


■ 35.9905, 37.1571,
39.7851


■ 17.7404, 10.4519,
3.5049

■ 40.8005, 44.1954,
49.3473


■ 16.9696, 9.3239,
1.9728


■ 46.2359, 52.1488,
60.1528


 16.5356, 8.6888,
1.1102

 52.3180, 61.0486,
72.2440

 16.3623, 8.4353,
0.7658

 59.0670, 70.9243,
85.6613

 66.5025, 81.8044,
100.4432

 70.1722, 87.1750,
107.7357

Harmonies

Analogous

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



25.4608, 21.1932, 25.0242



25.0810, 21.1932, 18.0980



23.3250, 21.1932, 13.5727

Triad

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



25.0810, 21.1932, 18.0980



16.4728, 21.1932, 15.4463



19.4887, 21.1932, 40.1787

Complementary

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



25.0810, 21.1932, 18.0980



28.0310, 34.6841, 42.7535

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.



17.2653, 21.1932, 36.2189



25.0810, 21.1932, 18.0980



15.6234, 21.1932, 21.2312

Square

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



25.0810, 21.1932, 18.0980



18.3208, 21.1932, 12.2847



15.9007, 21.1932, 28.8916



22.0833, 21.1932, 38.8405

Rectangle

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



25.0810, 21.1932, 18.0980



21.6855, 21.1932, 12.0288



15.9007, 21.1932, 28.8916



18.6764, 21.1932, 39.3983

Sweetspot

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



25.0816, 21.1942, 18.0984



59.4750, 59.2562, 61.3488



29.3179, 22.8881, 40.4089



12.7490, 12.6022, 12.9460



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.0816, 21.1942, 18.0984



41.6351, 33.1514, 25.8839



28.7383, 28.5077, 19.3173



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



28.0310, 34.6841, 42.7535



47.6843, 60.8189, 76.4511



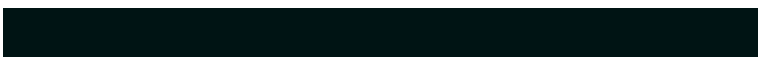
23.2950, 25.2122, 41.1749



7.7475, 8.5320, 9.6568



15.9101, 23.2805, 31.6305



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 25.0810, 21.1932, 18.0980 looks on a white background.

Color Contrast Check

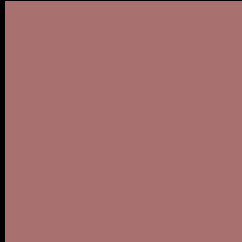
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0810, 21.1932, 18.0980 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 25.0810, 21.1932, 18.0980

Background



This preview shows how black text looks on a background with the XYZ color 25.0810, 21.1932, 18.0980.



This preview shows how white text looks on a background with the XYZ color 25.0810, 21.1932,

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

25.0810, 21.1932, 18.0980

Protanopia

20.3396, 21.3601, 20.8202

Deuteranopia

21.7515, 21.4027, 17.7366



Tritanopia

25.5918, 21.2468, 20.2050

Trichromacy



Original Color

25.0810, 21.1932, 18.0980

Protanomaly

21.8475, 21.2232, 19.7746

Deuteranomaly

22.7925, 21.2114, 17.9318

Tritanomaly

25.4144, 21.1759, 19.2709

Monochromacy



Original Color

25.0810, 21.1932, 18.0980

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.1597, 21.5253, 21.7257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0810, 21.1932, 18.0980 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(169, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(169, 112, 112)  
}
```

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(169, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 25.0810, 21.1932, 18.0980 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(169, 112, 112) }
```


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

```
.border{ border-color:rgb(169, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(169, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0810, 21.1932, 18.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 112, 112) }
```

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

```
.background{ background-color: rgb(169,  
112, 112) }
```

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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