

Converting Colors

XYZ(6.4812, 5.9081, 7.8200)

Have a look what the booklet for
XYZ(6.4812, 5.9081, 7.8200)
contains.

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Color

XYZ(6.4812, 5.9081, 7.8200)

Conversions

Conversions Part 1

Format	Color
Hex	50404D
RGB	80, 64, 77
RGB Percent	31%, 25%, 30%
CMY	0.6863, 0.7490, 0.6980
CMYK	0.00, 0.20, 0.04, 0.69
HSL	311°, 11%, 28%
HSV	311°, 20%, 31%
XYZ	6.4812, 5.9081, 7.8200
YIQ	70.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

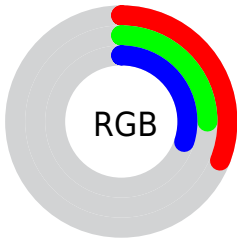
Format	Color
R_{YB}	80, 64, 77
Decimal	5259341
CIE _{Lab}	29.18, 9.53, -5.24
CIE _{LCh}	29, 10.878, 331.211
Yxy	5.9081, 0.3207, 0.2923
Android (android.graphics.Color)	4283449421 (0xFF50404D)
YUV	70.2660, 3.3199, 8.5367
Hunter-Lab	24.3066, 5.0594, -2.0604

Details

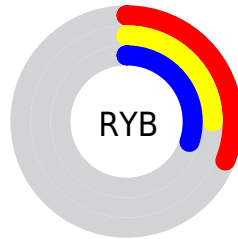
The XYZ color **6.4812, 5.9081, 7.8200** is a dark color, and the websafe version is hex **333333**, and the color name is **purple taupe**. A complement of this color would be **5.9963, 7.2327, 6.3905**, and the grayscale version is **5.8600, 6.1652, 6.7139**.

A 20% lighter version of the original color is **18.6133, 17.7618, 22.1860**, and **1.2358, 1.0035, 1.5674** is the 20% darker color. If you saturate the color by 10%, you get **6.0098, 5.0489, 7.4046**, and if you desaturate by 10%, it is **7.0190, 6.8978, 8.2636**.

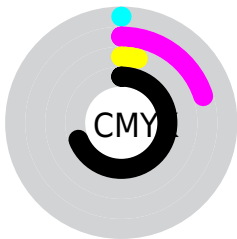
Distribution



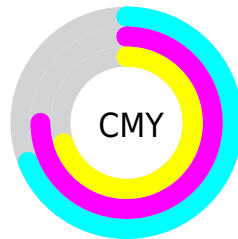
- Red (31%)
- Green (25%)
- Blue (30%)



- Red (31%)
- Yellow (25%)
- Blue (30%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (69%)



- Cyan (69%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.4812, 5.9081, 7.8200 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 6.4812, 5.9081, 7.8200 by changing the saturation by 10% instead.

6.4812, 5.9081,
7.8200

6.4812, 5.9081,
7.8200

157.9212,
158.2551, 184.1949

3.1832, 2.7893,
3.8939

18.6369, 17.7402,
22.1451

1.2514, 1.0227,
1.5673

28.2253, 27.2222,
33.3812

0.1464, 0.0000,
0.2673

40.6412, 39.5941,
47.8910

0.0000, 0.0000,
0.0000

56.2500, 55.2402,
66.0931

75.4171, 74.5450,
88.4060

98.5077, 97.8928,

115.2482

125.8873,
125.6680, 147.0383

■ 6.4812, 5.9081,
7.8200

■ 6.4812, 5.9081,
7.8200

■ 6.0098, 5.0489,
7.4046

■ 7.0190, 6.8978,
8.2636

■ 5.6014, 4.3140,
7.0162

■ 7.6251, 8.0223,
8.7361

■ 5.2533, 3.6977,
6.6538

■ 8.3022, 9.2869,
9.2383

■ 4.9622, 3.1936,
6.3163

■ 9.0527, 10.6962,
9.7711

■ 4.7248, 2.7948,
6.0026

■ 9.8787, 12.2545,
10.3353

■ 4.5370, 2.4935,
5.7112

■ 10.7824, 13.9662,
10.9316

■ 4.3933, 2.2785,
5.4403

■ 11.7658, 15.8353,
11.5607

■ 4.2625, 2.0872,
5.1795

■ 12.8309, 17.8657,
12.2233

■ 4.2624, 2.0871,
5.1794

■ 13.9796, 20.0612,
12.9202

Harmonies

Analogous

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



6.1173, 5.9081, 9.0241



6.4812, 5.9081, 7.8200



6.6098, 5.9081, 6.3761

Triad

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



6.4812, 5.9081, 7.8200



5.5956, 5.9081, 4.0972



4.8485, 5.9081, 7.9329

Complementary

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



6.4812, 5.9081, 7.8200



5.9963, 7.2327, 6.3905

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.



4.7262, 5.9081, 6.4901



6.4812, 5.9081, 7.8200



5.1418, 5.9081, 4.3923

Square

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



6.4812, 5.9081, 7.8200



6.0809, 5.9081, 4.3483



4.8305, 5.9081, 5.2204



5.1744, 5.9081, 9.0956

Rectangle

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



6.4812, 5.9081, 7.8200



6.5392, 5.9081, 5.5063



4.8305, 5.9081, 5.2204



4.7831, 5.9081, 7.4581

Sweetspot

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



6.4814, 5.9084, 7.8201



12.6336, 12.7502, 14.7257



5.5918, 5.4372, 8.3442



3.2685, 3.2918, 3.8129



43.9474, 46.2361, 50.3512



3.4509, 3.6306, 3.9538

Same Dimension

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



6.4814, 5.9084, 7.8201



10.8949, 9.5515, 13.2868



6.2181, 5.8030, 6.4337



1.9430, 1.9265, 2.2801



7.4106, 3.6311, 8.8938



42.4308, 20.8185, 49.6668

Inverse Universe

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



6.4814, 5.9084, 7.8201



10.8949, 9.5515, 13.2868



6.2509, 7.3345, 7.7310



1.9430, 1.9265, 2.2801



7.4106, 3.6311, 8.8938



42.4308, 20.8185, 49.6668

Previews

White Background



This preview shows how the XYZ color 6.4812, 5.9081, 7.8200 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 ✓ Pass

Black Background



This preview shows how the XYZ color 6.4812, 5.9081, 7.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

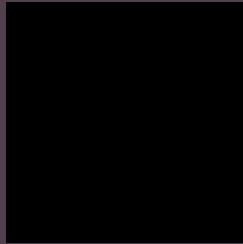
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 6.4812, 5.9081, 7.8200

Background



This preview shows how black text looks on a background with the XYZ color 6.4812, 5.9081, 7.8200.



This preview shows how white text looks on a background with the XYZ color 6.4812, 5.9081, 7.8200.

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

6.4812, 5.9081, 7.8200

Protanopia

5.8298, 5.9067, 8.4223

Deuteranopia

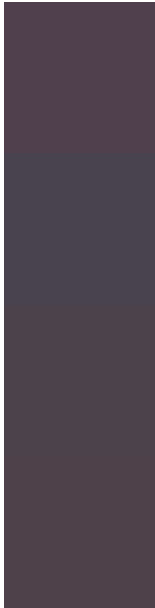
5.9841, 5.9138, 7.6636



Tritanopia

6.2202, 5.8851, 6.6024

Trichromacy



Original Color

6.4812, 5.9081, 7.8200

Protanomaly

6.0909, 5.9565, 8.2258

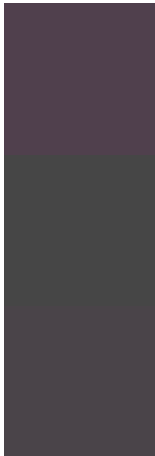
Deuteranomaly

6.1544, 5.9141, 7.6546

Tritanomaly

6.3173, 5.9239, 7.1138

Monochromacy



Original Color

6.4812, 5.9081, 7.8200

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

6.0938, 6.0711, 7.1540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.4812, 5.9081, 7.8200 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(80, 64, 77) looks like.

```
.text, #text, p{  
    color:rgb(80, 64, 77)  
}
```

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(80, 64, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 64, 77) }
```

Border

The CSS property to change the border of an element to XYZ 6.4812, 5.9081, 7.8200 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(80, 64, 77) }
```

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

```
.border{ border-color:rgb(80, 64, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 64, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 64, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 64, 77);  
box-shadow:4px 4px 4px 4px rgb(80, 64, 77)  
}
```


Background

The CSS property to change the background color of an element to XYZ 6.4812, 5.9081, 7.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 64, 77) }
```

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

```
.background{ background-color: rgb(80, 64,  
77) }
```

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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