

Converting Colors

XYZ(16.9774, 16.8483, 25.2789)

Have a look what the booklet for
XYZ(16.9774, 16.8483, 25.2789)
contains.

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Color

**XYZ(16.9774, 16.8483,
25.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	717087
RGB	113, 112, 135
RGB Percent	44%, 44%, 53%
CMY	0.5569, 0.5608, 0.4706
CMYK	0.16, 0.17, 0.00, 0.47
HSL	243°, 9%, 48%
HSV	243°, 17%, 53%
XYZ	16.9774, 16.8483, 25.2789
YIQ	114.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

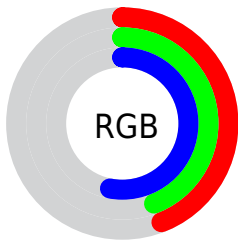
Format	Color
R_{YB}	113, 112, 135
Decimal	7434375
CIE _{Lab}	48.07, 5.43, -12.46
CIE _{LCh}	48, 13.592, 293.554
Yxy	16.8483, 0.2872, 0.2851
Android (android.graphics.Color)	4285624455 (0xFF717087)
YUV	114.9210, 9.8989, -1.6847
Hunter-Lab	41.0467, 1.9981, -7.7815

Details

The XYZ color **16.9774, 16.8483, 25.2789** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.4206, 23.5665, 18.7498**, and the grayscale version is **16.2446, 17.0906, 18.6117**.

A 20% lighter version of the original color is **37.8696, 38.1811, 52.9507**, and **5.6531, 5.4465, 9.3477** is the 20% darker color. If you saturate the color by 10%, you get **14.0533, 13.2933, 24.7471**, and if you desaturate by 10%, it is **20.3623, 20.9733, 25.8970**.

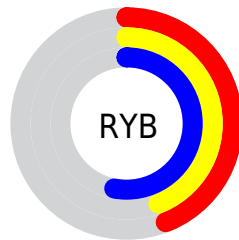
Distribution



Red (44%)

Green (44%)

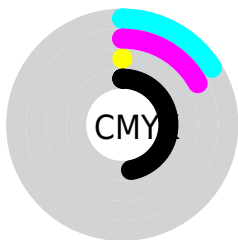
Blue (53%)



Red (44%)

Yellow (44%)

Blue (53%)

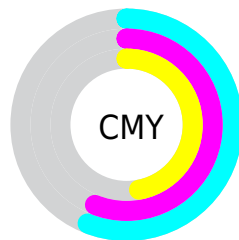


Cyan (16%)

Magenta (17%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9774, 16.8483, 25.2789 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 16.9774, 16.8483, 25.2789 by changing the saturation by 10% instead.

■ 16.9774, 16.8483,
25.2789

■ 16.9774, 16.8483,
25.2789

228.2009,
234.2967, 292.7161

■ 10.3136, 10.1264,
16.0641

■ 37.8308, 38.0648,
53.0790

■ 5.6712, 5.4828,
9.4146

■ 52.7511, 53.3281,
72.5014

■ 2.6850, 2.5333,
4.9121

■ 71.1543, 72.2074,
96.1634

■ 0.9894, 0.8932,
2.1380

■ 93.4058, 95.0870,
124.4835

■ 0.0000, 0.0000,
0.6382

119.8708,
122.3513, 157.8803

■ 0.0000, 0.0000,
0.0000

150.9147,

154.3848, 196.7723

186.9030,
191.5718, 241.5780

■ 16.9774, 16.8483,
25.2789

■ 16.9774, 16.8483,
25.2789

■ 14.0533, 13.2933,
24.7471

■ 20.3623, 20.9733,
25.8970

■ 11.5687, 10.2813,
24.2967

■ 24.2251, 25.6895,
26.6037

■ 9.5027, 7.7861,
23.9240

■ 28.5840, 31.0199,
27.4028

■ 7.8323, 5.7788,
23.6245

■ 33.4556, 36.9852,
28.2975

■ 6.5322, 4.2273,
23.3936

■ 38.8558, 43.6056,
29.2907

■ 5.5742, 3.0959,
23.2257

■ 44.8000, 50.9000,
30.3854

■ 4.9259, 2.3435,
23.1146

■ 51.3027, 58.8868,
31.5843

■ 4.5380, 1.8987,
23.0492

■ 58.3780, 67.5836,
32.8900

■ 4.4466, 1.7871,
23.0325

■ 66.0395, 77.0073,
34.3052

Harmonies

Analogous

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



15.7498, 16.8483, 25.9301



16.9774, 16.8483, 25.2789



17.9921, 16.8483, 22.6689

Triad

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



16.9774, 16.8483, 25.2789



17.4599, 16.8483, 13.4190



13.7773, 16.8483, 17.5952

Complementary

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



16.9774, 16.8483, 25.2789



21.4206, 23.5665, 18.7498

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.



14.1861, 16.8483, 14.6090



16.9774, 16.8483, 25.2789



16.2807, 16.8483, 12.4052

Square

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



16.9774, 16.8483, 25.2789



18.2805, 16.8483, 15.7697



15.0874, 16.8483, 12.8113



13.9426, 16.8483, 21.1863

Rectangle

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



16.9774, 16.8483, 25.2789



18.3903, 16.8483, 20.3296



15.0874, 16.8483, 12.8113



13.8514, 16.8483, 16.4938

Sweetspot

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



16.9779, 16.8490, 25.2793



37.7277, 39.0998, 46.6069



19.6131, 22.3092, 26.1943



8.6435, 8.9405, 10.7765



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.9779, 16.8490, 25.2793



28.5260, 27.8880, 44.9278



18.5187, 17.6433, 25.3514



4.4518, 4.5535, 5.8450



4.1033, 1.6495, 21.2388



0.0154, 0.0063, 0.0736

Inverse Universe

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



20.0894, 18.4611, 25.0594



35.0639, 31.2758, 44.4489



19.7194, 22.6895, 18.6702



4.8494, 4.7594, 5.8192



12.8771, 6.2152, 19.7229



0.0453, 0.0218, 0.0719

Previews

White Background



This preview shows how the XYZ color 16.9774, 16.8483, 25.2789 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 16.9774, 16.8483, 25.2789 looks on a black 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

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

XYZ 16.9774, 16.8483, 25.2789

Background



This preview shows how black text looks on a background with the XYZ color 16.9774, 16.8483, 25.2789.



This preview shows how white text looks on a background with the XYZ color 16.9774, 16.8483,

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

16.9774, 16.8483, 25.2789

Protanopia

16.6557, 16.8390, 25.6650

Deuteranopia

17.1278, 16.7630, 25.2545



Tritanopia

16.1480, 16.8442, 21.1391

Trichromacy



Original Color

16.9774, 16.8483, 25.2789

Protanomaly

16.7795, 16.9028, 25.6707

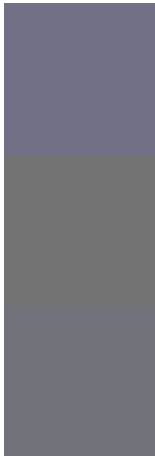
Deuteranomaly

16.9970, 16.6956, 25.2484

Tritanomaly

16.4180, 16.7873, 22.4536

Monochromacy



Original Color

16.9774, 16.8483, 25.2789

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4696, 17.0172, 20.8290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9774, 16.8483, 25.2789 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(113, 112, 135)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 135)  
}
```

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(113, 112, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 135) }
```

Border

The CSS property to change the border of an element to XYZ 16.9774, 16.8483, 25.2789 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(113, 112, 135) }
```


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

```
.border{ border-color:rgb(113, 112, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 135);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9774, 16.8483, 25.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 135) }
```

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

```
.background{ background-color: rgb(113,  
112, 135) }
```

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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