

Converting Colors

XYZ(18.5842, 17.1366, 24.8775)

Have a look what the booklet for
XYZ(18.5842, 17.1366, 24.8775)
contains.

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Color

**XYZ(18.6738, 17.2477,
24.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	806D86
RGB	128, 109, 134
RGB Percent	50%, 43%, 53%
CMY	0.4980, 0.5725, 0.4745
CMYK	0.04, 0.19, 0.00, 0.47
HSL	286°, 10%, 48%
HSV	286°, 19%, 53%
XYZ	18.6738, 17.2477, 24.8992
YIQ	117.5310, 3.2990, 11.8030

Conversions

Conversions Part 2

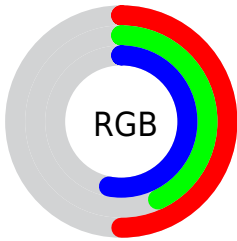
Format	Color
R _{YB}	128, 109, 134
Decimal	8416646
CIE Lab	48.57, 12.35, -10.97
CIE LCh	49, 16.521, 318.372
Yxy	17.2477, 0.3070, 0.2836
Android (android.graphics.Color)	4286606726 (0xFF806D86)
YUV	117.5310, 8.1192, 9.1813
Hunter-Lab	41.5304, 7.5830, -6.4756

Details

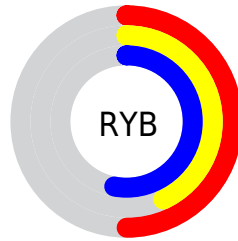
The XYZ color **18.6738, 17.2477, 24.8992** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.3563, 21.7996, 17.7091**, and the grayscale version is **17.0487, 17.9365, 19.5329**.

A 20% lighter version of the original color is **40.7706, 38.9014, 52.3736**, and **6.4934, 5.6398, 9.1339** is the 20% darker color. If you saturate the color by 10%, you get **16.8759, 14.3585, 24.4365**, and if you desaturate by 10%, it is **20.7060, 20.5822, 25.4360**.

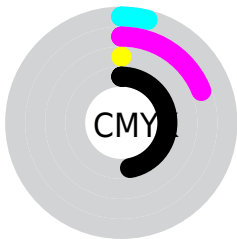
Distribution



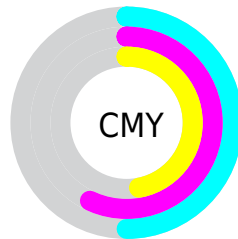
- Red (50%)
- Green (43%)
- Blue (53%)



- Red (50%)
- Yellow (43%)
- Blue (53%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6738, 17.2477, 24.8992 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 18.6738, 17.2477, 24.8992 by changing the saturation by 10% instead.

■ 18.6738, 17.2477,
24.8992

■ 18.6738, 17.2477,
24.8992

237.6148,
236.5958, 290.7672

■ 11.5374, 10.4113,
15.7836

■ 40.7033, 38.7512,
52.4557

■ 6.4995, 5.6725,
9.2185

■ 56.3272, 54.1870,
71.7338

■ 3.1946, 2.6470,
4.7852

■ 75.5109, 73.2580,
95.2364

■ 1.2575, 0.9503,
2.0653

■ 98.6198, 96.3487,
123.3822

■ 0.1511, 0.0000,
0.5950

126.0193,
123.8435, 156.5896

■ 0.0000, 0.0000,
0.0000

158.0747,

156.1266, 195.2772

195.1515,
193.5826, 239.8635

■ 18.6738, 17.2477,
24.8992

■ 18.6738, 17.2477,
24.8992

■ 16.8759, 14.3585,
24.4365

■ 20.7060, 20.5822,
25.4360

■ 15.3008, 11.8926,
24.0436

■ 22.9803, 24.3782,
26.0488

■ 13.9383, 9.8295,
23.7172

■ 25.5061, 28.6539,
26.7410

■ 12.7767, 8.1461,
23.4535

■ 28.2917, 33.4259,
27.5153

■ 11.8031, 6.8169,
23.2482

■ 31.3450, 38.7099,
28.3742

■ 11.0031, 5.8131,
23.0966

■ 34.6738, 44.5209,
29.3204

■ 10.3600, 5.1015,
22.9932

■ 38.2852, 50.8733,
30.3562

■ 9.8330, 4.6010,
22.9244

■ 42.1864, 57.7810,
31.4839

■ 9.7644, 4.5366,
22.9156

■ 46.3840, 65.2573,
32.7058

Harmonies

Analogous

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



17.3309, 17.2477, 27.8843



18.6738, 17.2477, 24.8992



19.4223, 17.2477, 20.5158

Triad

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



18.6738, 17.2477, 24.8992



16.9889, 17.2477, 11.7233



13.7761, 17.2477, 21.5402

Complementary

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



18.6738, 17.2477, 24.8992



18.3563, 21.7996, 17.7091

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.



13.6970, 17.2477, 17.1446



18.6738, 17.2477, 24.8992



15.4904, 17.2477, 11.9103

Square

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



18.6738, 17.2477, 24.8992



18.4102, 17.2477, 13.1980



14.3067, 17.2477, 13.7554



14.5296, 17.2477, 25.7481

Rectangle

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



18.6738, 17.2477, 24.8992



19.4546, 17.2477, 17.5886



14.3067, 17.2477, 13.7554



13.6715, 17.2477, 20.0237

Sweetspot

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



18.6743, 17.2484, 24.8996



37.4515, 37.8726, 45.0746



16.7697, 17.2918, 25.0083



8.3916, 8.4561, 10.1426



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.6743, 17.2484, 24.8996



31.6410, 28.3495, 43.5427



19.1805, 17.5583, 22.7145



4.7516, 4.7080, 5.8591



9.1604, 4.2565, 21.4755



0.0382, 0.0181, 0.0747

Inverse Universe

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



18.3953, 17.2442, 18.5794



31.0866, 28.3544, 30.3838



17.9413, 21.5454, 19.5090



4.7150, 4.7057, 5.1117



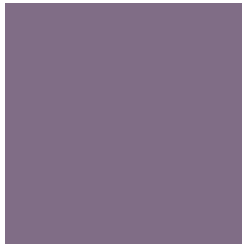
9.4637, 4.8498, 1.7485



0.0353, 0.0178, 0.0192

Previews

White Background



This preview shows how the XYZ color 18.6738, 17.2477, 24.8992 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 18.6738, 17.2477, 24.8992 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 18.6738, 17.2477, 24.8992

Background



This preview shows how black text looks on a background with the XYZ color 18.6738, 17.2477, 24.8992.



This preview shows how white text looks on a background with the XYZ color 18.6738, 17.2477,

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

18.6738, 17.2477, 24.8992

Protanopia

17.1603, 17.2491, 26.4697

Deuteranopia

17.6100, 17.3553, 24.6121



Tritanopia

17.6788, 17.1606, 20.1498

Trichromacy



Original Color

18.6738, 17.2477, 24.8992

Protanomaly

17.6456, 17.1764, 26.0523

Deuteranomaly

18.0538, 17.4194, 24.6010

Tritanomaly

18.0300, 17.1446, 21.7610

Monochromacy



Original Color

18.6738, 17.2477, 24.8992

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.7949, 17.8543, 21.5771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6738, 17.2477, 24.8992 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(128, 109, 134)` looks like.

```
.text, #text, p{  
    color:rgb(128, 109, 134)  
}
```

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(128, 109, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 109, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.6738, 17.2477, 24.8992 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(128, 109, 134) }
```


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

```
.border{ border-color:rgb(128, 109, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 109, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 109, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 109, 134);  
box-shadow:4px 4px 4px 4px rgb(128, 109,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6738, 17.2477, 24.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 109, 134) }
```

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

```
.background{ background-color: rgb(128,  
109, 134) }
```

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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