

Converting Colors

XYZ(17.3294, 18.4744, 24.7203)

Have a look what the booklet for
XYZ(17.3294, 18.4744, 24.7203)
contains.

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Color

**XYZ(17.2568, 18.3776,
24.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7885
RGB	109, 120, 133
RGB Percent	43%, 47%, 52%
CMY	0.5725, 0.5294, 0.4784
CMYK	0.18, 0.10, 0.00, 0.48
HSL	212°, 10%, 47%
HSV	212°, 18%, 52%
XYZ	17.2568, 18.3776, 24.8280
YIQ	118.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

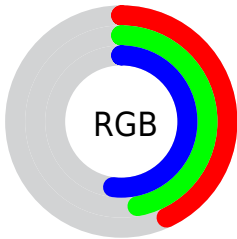
Format	Color
R_{YB}	109, 117, 133
Decimal	7174277
CIE _{Lab}	49.95, -1.15, -8.48
CIE _{LCh}	50, 8.555, 262.296
Yxy	18.3776, 0.2854, 0.3040
Android (android.graphics.Color)	4285364357 (0xFF6D7885)
YUV	118.1930, 7.2999, -8.0623
Hunter-Lab	42.8691, -3.1664, -4.3299

Details

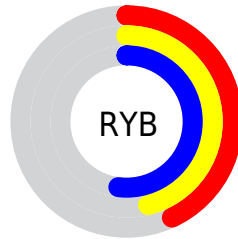
The XYZ color **17.2568, 18.3776, 24.8280** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3929, 20.0098, 17.3086**, and the grayscale version is **17.2610, 18.1600, 19.7762**.

A 20% lighter version of the original color is **38.3134, 40.6273, 52.2769**, and **5.8421, 6.2669, 9.2892** is the 20% darker color. If you saturate the color by 10%, you get **14.9090, 15.9296, 24.4795**, and if you desaturate by 10%, it is **19.9185, 21.0851, 25.2106**.

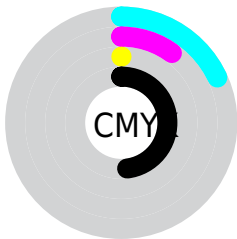
Distribution



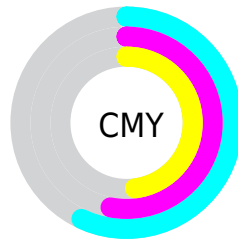
- Red (43%)
- Green (47%)
- Blue (52%)



- Red (43%)
- Yellow (46%)
- Blue (52%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (48%)



- Cyan (57%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2568, 18.3776, 24.8280 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 17.2568, 18.3776, 24.8280 by changing the saturation by 10% instead.

■ 17.2568, 18.3776,
24.8280

■ 17.2568, 18.3776,
24.8280

229.7754,
242.9909, 290.4005

■ 10.5142, 11.2214,
15.7311

■ 38.3069, 40.6797,
52.3387

■ 5.8061, 6.2160,
9.1818

■ 53.3450, 56.5944,
71.5896

■ 2.7670, 2.9768,
4.7615

■ 71.8791, 76.1974,
95.0622

■ 1.0318, 1.1197,
2.0517

■ 94.2745, 99.8731,
123.1752

■ 0.0000, 0.0000,
0.5868

120.8964,
128.0060, 156.3469

■ 0.0000, 0.0000,
0.0000

152.1103,

160.9802, 194.9960

188.2815,
199.1804, 239.5410

■ 17.2568, 18.3776,
24.8280

■ 17.2568, 18.3776,
24.8280

■ 14.9090, 15.9296,
24.4795

■ 19.9185, 21.0851,
25.2106

■ 12.8608, 13.7303,
24.1630

■ 22.9043, 24.0581,
25.6271

■ 11.0996, 11.7713,
23.8777

■ 26.2257, 27.3048,
26.0787

■ 9.6107, 10.0430,
23.6225

■ 29.8935, 30.8329,
26.5664

■ 8.3783, 8.5347,
23.3964

■ 33.9176, 34.6493,
27.0909

■ 7.3847, 7.2349,
23.1979

■ 38.3078, 38.7608,
27.6531

■ 6.6096, 6.1305,
23.0255

■ 43.0734, 43.1740,
28.2538

■ 6.0093, 5.1964,
22.8769

■ 48.2232, 47.8954,
28.8937

■ 5.9006, 5.0274,
22.8500

■ 53.7661, 52.9310,
29.5735

Harmonies

Analogous

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



16.5205, 18.3776, 23.8005



17.2568, 18.3776, 24.8280



18.0726, 18.3776, 24.4867

Triad

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



17.2568, 18.3776, 24.8280



18.9675, 18.3776, 18.3449



16.2491, 18.3776, 17.3729

Complementary

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



17.2568, 18.3776, 24.8280



19.3929, 20.0098, 17.3086

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.



16.8758, 18.3776, 16.1153



17.2568, 18.3776, 24.8280



18.4497, 18.3776, 16.6451

Square

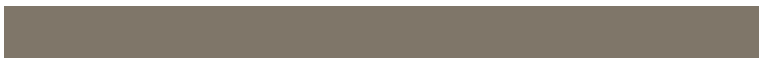
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.2568, 18.3776, 24.8280



19.0773, 18.3776, 20.6217



17.6796, 18.3776, 15.8596



15.9507, 18.3776, 19.4107

Rectangle

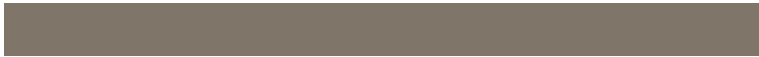
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.2568, 18.3776, 24.8280



18.5503, 18.3776, 23.5403



17.6796, 18.3776, 15.8596



16.4274, 18.3776, 16.8517

Sweetspot

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



17.2574, 18.3784, 24.8284



37.1755, 39.2691, 45.3587



18.1951, 21.4268, 21.5246



8.3055, 8.7771, 10.2091



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.



17.2574, 18.3784, 24.8284



28.9624, 30.9015, 44.1765



16.1083, 15.9334, 24.4170



4.5973, 4.8702, 5.8985



5.6283, 4.8044, 21.7674



0.0267, 0.0310, 0.0778

Inverse Universe

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



18.5321, 17.2804, 20.1288



31.7495, 28.6195, 33.8747



20.6952, 22.8012, 17.7788



4.7548, 4.7216, 5.3209



10.0190, 5.0720, 4.6725



0.0383, 0.0190, 0.0352

Previews

White Background



This preview shows how the XYZ color 17.2568, 18.3776, 24.8280 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 17.2568, 18.3776, 24.8280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

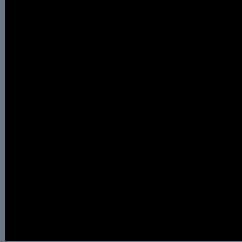
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

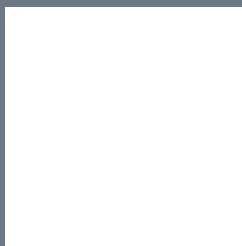
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2568, 18.3776, 24.8280

Background



This preview shows how black text looks on a background with the XYZ color 17.2568, 18.3776, 24.8280.



This preview shows how white text looks on a background with the XYZ color 17.2568, 18.3776,

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

17.2568, 18.3776, 24.8280

Protanopia

17.9794, 18.4047, 24.4346

Deuteranopia

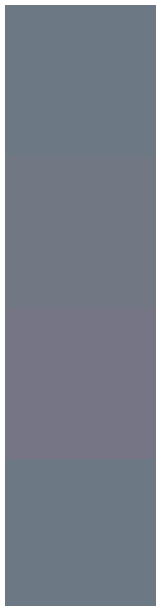
18.7168, 18.4230, 25.1238



Tritanopia

16.9301, 18.2328, 23.7461

Trichromacy



Original Color

17.2568, 18.3776, 24.8280

Protanomaly

17.7011, 18.4370, 24.4555

Deuteranomaly

18.1356, 18.2954, 25.1298

Tritanomaly

16.9975, 18.2598, 24.1014

Monochromacy



Original Color

17.2568, 18.3776, 24.8280

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.2422, 18.2685, 21.3563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2568, 18.3776, 24.8280 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(109, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(109, 120, 133)  
}
```

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(109, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 120, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.2568, 18.3776, 24.8280 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(109, 120, 133) }
```


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

```
.border{ border-color:rgb(109, 120, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 120, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 120, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 120, 133);  
box-shadow:4px 4px 4px 4px rgb(109, 120,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2568, 18.3776, 24.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 120, 133) }
```

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

```
.background{ background-color: rgb(109,  
120, 133) }
```

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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