

Converting Colors

XYZ(17.7486, 18.4187, 25.6364)

Have a look what the booklet for
XYZ(17.7486, 18.4187, 25.6364)
contains.

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Color

**XYZ(17.7801, 18.4536,
25.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	717787
RGB	113, 119, 135
RGB Percent	44%, 47%, 53%
CMY	0.5569, 0.5333, 0.4706
CMYK	0.16, 0.12, 0.00, 0.47
HSL	224°, 9%, 49%
HSV	224°, 16%, 53%
XYZ	17.7801, 18.4536, 25.5465
YIQ	119.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

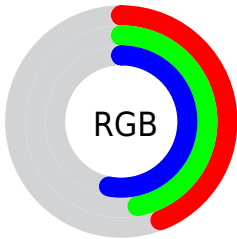
Format	Color
R_{YB}	113, 118, 135
Decimal	7436167
CIE Lab	50.04, 1.30, -9.49
CIE LCh	50, 9.577, 277.773
Yxy	18.4536, 0.2878, 0.2987
Android (android.graphics.Color)	4285626247 (0xFF717787)
YUV	119.0300, 7.8732, -5.2883
Hunter-Lab	42.9577, -1.2950, -5.1888

Details

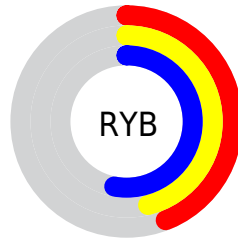
The XYZ color **17.7801, 18.4536, 25.5465** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8229, 22.0439, 18.7808**, and the grayscale version is **17.5224, 18.4349, 20.0756**.

A 20% lighter version of the original color is **39.1571, 40.7560, 53.3798**, and **6.0729, 6.2862, 9.4876** is the 20% darker color. If you saturate the color by 10%, you get **15.0622, 15.4070, 25.1020**, and if you desaturate by 10%, it is **20.8782, 21.8764, 26.0442**.

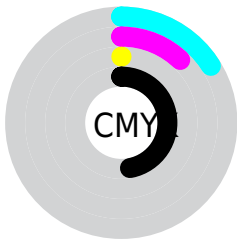
Distribution



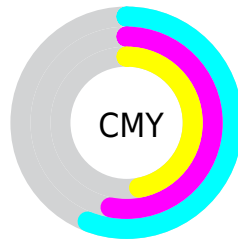
- Red (44%)
- Green (47%)
- Blue (53%)



- Red (44%)
- Yellow (46%)
- Blue (53%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7801, 18.4536, 25.5465 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 17.7801, 18.4536, 25.5465 by changing the saturation by 10% instead.

■ 17.7801, 18.4536,
25.5465

■ 17.7801, 18.4536,
25.5465

232.6983,
243.4155, 294.0830

■ 10.8910, 11.2761,
16.2620

■ 39.1953, 40.8087,
53.5175

■ 6.0603, 6.2529,
9.5534

■ 54.4520, 56.7552,
73.0410

■ 2.9228, 2.9995,
5.0021

■ 73.2287, 76.3935,
96.8147

■ 1.1131, 1.1314,
2.1898

■ 95.8907, 100.1079,
125.2569

■ 0.0360, 0.0046,
0.6684

122.8032,
128.2830, 158.7864

■ 0.0000, 0.0000,
0.0000

154.3318,

161.3030, 197.8215

190.8417,
199.5523, 242.7809

■ 17.7801, 18.4536,
25.5465

■ 17.7801, 18.4536,
25.5465

■ 15.0622, 15.4070,
25.1020

■ 20.8782, 21.8764,
26.0442

■ 12.7078, 12.7212,
24.7077

■ 24.3691, 25.6855,
26.5954

■ 10.7015, 10.3829,
24.3621

■ 28.2667, 29.8937,
27.2022

■ 9.0260, 8.3772,
24.0632

■ 32.5837, 34.5122,
27.8662

■ 7.6624, 6.6881,
23.8091

■ 37.3323, 39.5520,
28.5887

■ 6.5898, 5.2981,
23.5973

■ 42.5243, 45.0236,
29.3712

■ 5.7847, 4.1878,
23.4254

■ 48.1710, 50.9371,
30.2150

■ 5.2102, 3.3304,
23.2902

■ 54.2830, 57.3022,
31.1214

■ 5.0293, 3.0614,
23.2478

■ 60.8710, 64.1285,
32.0918

Harmonies

Analogous

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



16.8784, 18.4536, 25.1610



17.7801, 18.4536, 25.5465



18.6464, 18.4536, 24.3727

Triad

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



17.7801, 18.4536, 25.5465



18.9765, 18.4536, 17.1446



15.9514, 18.4536, 18.2353

Complementary

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



17.7801, 18.4536, 25.5465



20.8229, 22.0439, 18.7808

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.



16.4774, 18.4536, 16.3458



17.7801, 18.4536, 25.5465



18.2178, 18.4536, 15.7555

Square

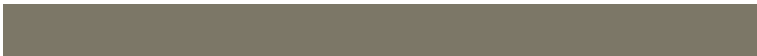
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.7801, 18.4536, 25.5465



19.3527, 18.4536, 19.4149



17.3013, 18.4536, 15.4764



15.8434, 18.4536, 20.7863

Rectangle

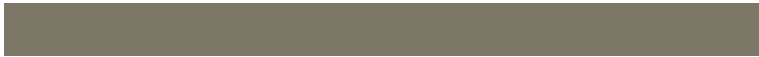
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.7801, 18.4536, 25.5465



19.0802, 18.4536, 22.9196



17.3013, 18.4536, 15.4764



16.0843, 18.4536, 17.5086

Sweetspot

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



17.7807, 18.4544, 25.5469



38.0910, 39.9465, 46.7512



19.4214, 22.4179, 23.9915



8.7370, 9.1586, 10.8136



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.



17.7807, 18.4544, 25.5469



29.7389, 30.7016, 45.4070



17.7184, 17.3953, 25.3458



4.5302, 4.7361, 5.8761



4.6477, 2.8431, 21.4405



0.0215, 0.0207, 0.0761

Inverse Universe

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



19.2271, 18.2936, 19.9712



32.9167, 30.4169, 33.1419



20.8868, 23.2849, 19.0169



4.7209, 4.7080, 5.1427



9.5240, 4.8740, 2.0659



0.0357, 0.0180, 0.0216

Previews

White Background



This preview shows how the XYZ color 17.7801, 18.4536, 25.5465 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 17.7801, 18.4536, 25.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

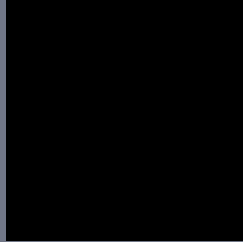
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

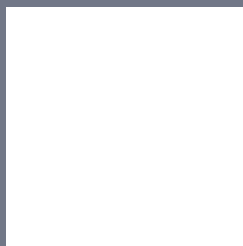
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7801, 18.4536, 25.5465

Background



This preview shows how black text looks on a background with the XYZ color 17.7801, 18.4536, 25.5465.



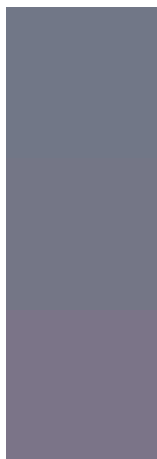
This preview shows how white text looks on a background with the XYZ color 17.7801, 18.4536,

25.5465.

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

17.7801, 18.4536, 25.5465

Protanopia

17.9840, 18.3911, 25.1562

Deuteranopia

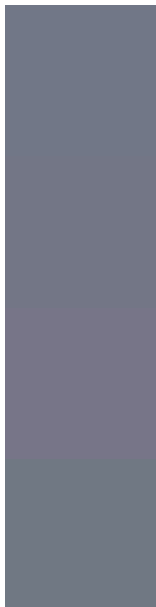
18.8577, 18.4793, 25.8655



Tritanopia

17.3610, 18.4627, 23.4175

Trichromacy



Original Color

17.7801, 18.4536, 25.5465

Protanomaly

17.8517, 18.3229, 25.1500

Deuteranomaly

18.4130, 18.4221, 25.8779

Tritanomaly

17.4953, 18.5164, 24.1246

Monochromacy



Original Color

17.7801, 18.4536, 25.5465

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6346, 18.4562, 22.0350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7801, 18.4536, 25.5465 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, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(113, 119, 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, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 119, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.7801, 18.4536, 25.5465 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, 119, 135) }
```


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

```
.border{ border-color:rgb(113, 119, 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, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(113, 119,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7801, 18.4536, 25.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 119, 135) }
```

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

```
.background{ background-color: rgb(113,  
119, 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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