

Converting Colors

XYZ(18.6378, 19.8176, 18.6527)

Have a look what the booklet for
XYZ(18.6378, 19.8176, 18.6527)
contains.

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Color

**XYZ(18.5777, 19.7408,
18.7508)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7B72
RGB	125, 123, 114
RGB Percent	49%, 48%, 45%
CMY	0.5098, 0.5176, 0.5529
CMYK	0.00, 0.02, 0.09, 0.51
HSL	49°, 5%, 47%
HSV	49°, 9%, 49%
XYZ	18.5777, 19.7408, 18.7508
YIQ	122.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

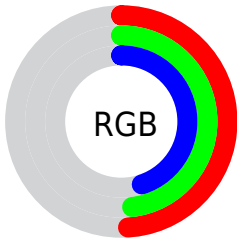
Format	Color
R_{YB}	116, 125, 114
Decimal	8223602
CIE Lab	51.54, -0.96, 5.18
CIE LCh	52, 5.270, 100.514
Yxy	19.7408, 0.3255, 0.3459
Android (android.graphics.Color)	4286413682 (0xFF7D7B72)
YUV	122.5720, -4.2260, 2.1294
Hunter-Lab	44.4306, -3.1177, 6.0796

Details

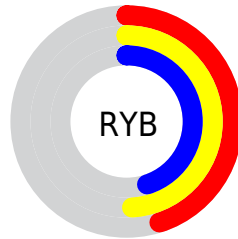
The XYZ color **18.5777, 19.7408, 18.7508** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8865, 17.5487, 21.8995**, and the grayscale version is **18.6989, 19.6727, 21.4235**.

A 20% lighter version of the original color is **40.5730, 42.8781, 42.2143**, and **6.4126, 6.8274, 6.1341** is the 20% darker color. If you saturate the color by 10%, you get **17.6361, 18.9194, 15.1633**, and if you desaturate by 10%, it is **19.6242, 20.6159, 22.8536**.

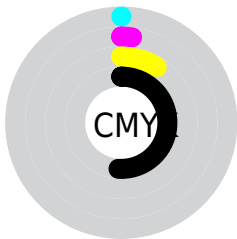
Distribution



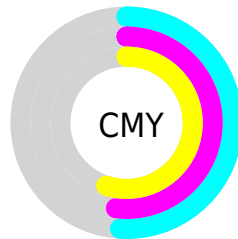
- Red (49%)
- Green (48%)
- Blue (45%)



- Red (45%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5777, 19.7408, 18.7508 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 18.5777, 19.7408, 18.7508 by changing the saturation by 10% instead.

■ 18.5777, 19.7408,
18.7508

■ 18.5777, 19.7408,
18.7508

237.0905,
250.5084, 257.4463

■ 11.4677, 12.2068,
11.3154

■ 40.5417, 42.9822,
42.1437

■ 6.4520, 6.8847,
6.1625

■ 56.1264, 59.4583,
58.9382

■ 3.1651, 3.3901,
2.8738

■ 75.2668, 79.6840,
79.6894

■ 1.2416, 1.3386,
1.0306

■ 98.3281, 104.0435,
104.8160

■ 0.1389, 0.1708,
0.0000

125.6758,
132.9213, 134.7365

■ 0.0000, 0.0000,
0.0000

157.6752,

166.7018, 169.8693

194.6917,
205.7694, 210.6330

■ 18.5777, 19.7408,
18.7508

■ 18.5777, 19.7408,
18.7508

■ 17.6361, 18.9194,
15.1633

■ 19.6242, 20.6159,
22.8536

■ 16.7938, 18.1474,
12.0690

■ 20.7776, 21.5437,
27.4898

■ 16.0472, 17.4240,
9.4465

■ 22.0422, 22.5265,
32.6783

■ 15.3916, 16.7473,
7.2719

■ 23.4212, 23.5657,
38.4368

■ 14.8221, 16.1152,
5.5195

■ 24.9179, 24.6628,
44.7820

■ 14.3333, 15.5255,
4.1608

■ 26.5354, 25.8190,
51.7300

■ 13.9190, 14.9756,
3.1638

■ 28.2767, 27.0355,
59.2962

■ 13.5723, 14.4626,
2.4917

■ 30.1446, 28.3136,
67.4957

■ 13.2735, 13.9787,
2.0417

■ 32.1419, 29.6544,
76.3429

Harmonies

Analogous

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



19.1050, 19.7408, 18.8589



18.5777, 19.7408, 18.7508



18.1088, 19.7408, 19.3512

Triad

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



18.5777, 19.7408, 18.7508



17.9990, 19.7408, 23.4465



19.7402, 19.7408, 22.4826

Complementary

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



18.5777, 19.7408, 18.7508



16.8865, 17.5487, 21.8995

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.



19.4328, 19.7408, 23.7903



18.5777, 19.7408, 18.7508



18.4252, 19.7408, 24.3646

Square

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



18.5777, 19.7408, 18.7508



17.7789, 19.7408, 22.0313



18.9496, 19.7408, 24.4933



19.7829, 19.7408, 20.9662

Rectangle

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



18.5777, 19.7408, 18.7508



17.8899, 19.7408, 20.0897



18.9496, 19.7408, 24.4933



19.6641, 19.7408, 22.9630

Sweetspot

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



18.5782, 19.7417, 18.7512



34.3182, 36.2371, 37.6708



17.6284, 17.6563, 19.0073



7.7752, 8.2168, 8.4472



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.5782, 19.7417, 18.7512



32.8356, 34.9803, 31.9097



18.3289, 19.9848, 18.8113



4.6010, 4.8908, 4.6216



13.8121, 14.5205, 2.0748



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8865, 17.5487, 21.8995



29.0194, 30.0335, 39.0119



17.1205, 17.3311, 21.8452



4.1672, 4.3284, 5.4291



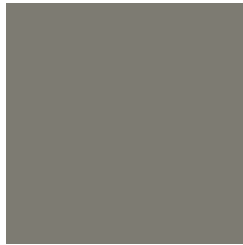
4.1729, 2.1644, 20.4478



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5777, 19.7408, 18.7508 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 18.5777, 19.7408, 18.7508 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

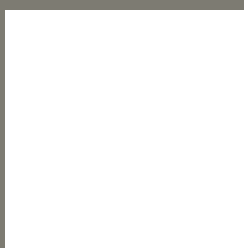
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5777, 19.7408, 18.7508

Background



This preview shows how black text looks on a background with the XYZ color 18.5777, 19.7408, 18.7508.



This preview shows how white text looks on a background with the XYZ color 18.5777, 19.7408,

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

18.5777, 19.7408, 18.7508

Protanopia

18.7492, 19.6460, 18.7235

Deuteranopia

20.1726, 19.8347, 18.9849



Tritanopia

19.6190, 19.7985, 23.9065

Trichromacy



Original Color

18.5777, 19.7408, 18.7508

Protanomaly

18.6010, 19.5696, 18.7165

Deuteranomaly

19.4838, 19.6573, 18.9870

Tritanomaly

19.2018, 19.8099, 21.8804

Monochromacy



Original Color

18.5777, 19.7408, 18.7508

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7853, 19.8071, 20.6024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5777, 19.7408, 18.7508 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(125, 123, 114)` looks like.

```
.text, #text, p{  
    color:rgb(125, 123, 114)  
}
```

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(125, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 123, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.5777, 19.7408, 18.7508 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(125, 123, 114) }
```


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

```
.border{ border-color:rgb(125, 123, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 123, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(125, 123,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5777, 19.7408, 18.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 123, 114) }
```

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

```
.background{ background-color: rgb(125,  
123, 114) }
```

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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