

Converting Colors

XYZ(17.5755, 19.0625, 15.5803)

Have a look what the booklet for
XYZ(17.5755, 19.0625, 15.5803)
contains.

XYZ(17.5761, 19.1093, 15.5941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.5761, 19.1093,
15.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7A67
RGB	123, 122, 103
RGB Percent	48%, 48%, 40%
CMY	0.5176, 0.5216, 0.5961
CMYK	0.00, 0.01, 0.16, 0.52
HSL	57°, 9%, 44%
HSV	57°, 16%, 48%
XYZ	17.5761, 19.1093, 15.5941
YIQ	120.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

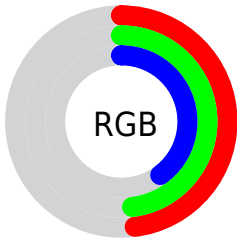
Format	Color
RYB	104, 123, 103
Decimal	8092263
CIELab	50.81, -3.14, 10.56
CIElCh	51, 11.014, 106.538
Yxy	19.1093, 0.3362, 0.3655
Android (android.graphics.Color)	4286282343 (0xFF7B7A67)
YUV	120.1330, -8.4466, 2.5144
Hunter-Lab	43.7142, -4.7306, 9.4495

Details

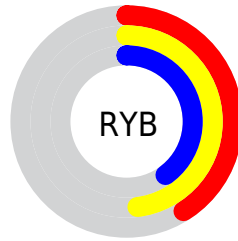
The XYZ color **17.5761, 19.1093, 15.5941** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1190, 14.2140, 20.7385**, and the grayscale version is **17.9203, 18.8535, 20.5315**.

A 20% lighter version of the original color is **38.8733, 41.8353, 36.5980**, and **5.9204, 6.5065, 4.6852** is the 20% darker color. If you saturate the color by 10%, you get **16.9288, 18.7309, 12.5532**, and if you desaturate by 10%, it is **18.3158, 19.5267, 19.1144**.

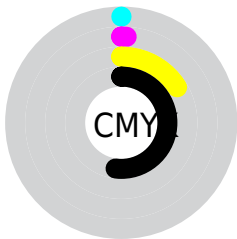
Distribution



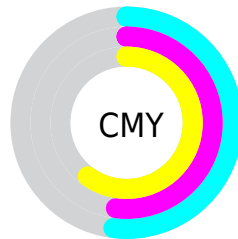
- Red (48%)
- Green (48%)
- Blue (40%)



- Red (41%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (52%)



- Cyan (52%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5761, 19.1093, 15.5941 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 17.5761, 19.1093, 15.5941 by changing the saturation by 10% instead.

■ 17.5761, 19.1093,
15.5941

■ 17.5761, 19.1093,
15.5941

231.5628,
247.0515, 238.6979

■ 10.7439, 11.7493,
9.0862

■ 38.8494, 41.9187,
36.6490

■ 5.9609, 6.5732,
4.6998

■ 54.0213, 58.1369,
52.0331

■ 2.8618, 3.1966,
2.0166

■ 72.7038, 78.0766,
71.2129

■ 1.0811, 1.2352,
0.5655

■ 95.2623, 102.1222,
94.6071

■ 0.0092, 0.0902,
0.0000

122.0620,
130.6581, 122.6342

■ 0.0000, 0.0000,
0.0000

153.4685,

164.0687, 155.7126

189.8470,
202.7383, 194.2610

■ 17.5761, 19.1093,
15.5941

■ 17.5761, 19.1093,
15.5941

■ 16.9288, 18.7309,
12.5532

■ 18.3158, 19.5267,
19.1144

■ 16.3683, 18.3873,
9.9698

■ 19.1500, 19.9820,
23.1323

■ 15.8909, 18.0778,
7.8217

■ 20.0828, 20.4775,
27.6669

■ 15.4921, 17.8004,
6.0849

■ 21.1174, 21.0145,
32.7355

■ 15.1668, 17.5532,
4.7327

■ 22.2571, 21.5943,
38.3549

■ 14.9093, 17.3339,
3.7354

■ 23.5048, 22.2181,
44.5410

■ 14.7132, 17.1399,
3.0591

■ 24.8636, 22.8871,
51.3091

■ 14.5662, 16.9663,
2.6392

■ 26.3360, 23.6023,
58.6739

■ 14.5143, 16.9027,
2.4976

■ 27.9250, 24.3649,
66.6498

Harmonies

Analogous

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



18.6523, 19.1093, 15.5258



17.5761, 19.1093, 15.5941



16.6919, 19.1093, 16.9657

Triad

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



17.5761, 19.1093, 15.5941



16.7668, 19.1093, 25.4460



20.2657, 19.1093, 22.2273

Complementary

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



17.5761, 19.1093, 15.5941



14.1190, 14.2140, 20.7385

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.



19.7177, 19.1093, 25.1878



17.5761, 19.1093, 15.5941



17.6820, 19.1093, 27.1671

Square

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



17.5761, 19.1093, 15.5941



16.2375, 19.1093, 22.5522



18.7624, 19.1093, 27.0682



20.2346, 19.1093, 19.1539

Rectangle

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



17.5761, 19.1093, 15.5941



16.3176, 19.1093, 18.5200



18.7624, 19.1093, 27.0682



20.1422, 19.1093, 23.2745

Sweetspot

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



17.5766, 19.1101, 15.5945



32.9598, 35.0562, 35.0010



15.5175, 14.9112, 15.1573



7.7431, 8.2455, 8.1499



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.



17.5766, 19.1101, 15.5945



30.9645, 33.9258, 25.5183



16.4708, 18.7228, 15.5780



4.2914, 4.6013, 4.2865



15.0137, 17.4833, 2.5833



71.4278, 83.0190, 12.2596

Inverse Universe

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



14.1190, 14.2140, 20.7385



23.3816, 23.1882, 36.8001



15.1077, 14.5756, 20.7561



3.8122, 3.9227, 4.9994



3.7661, 1.6146, 19.4985



17.7808, 7.3343, 92.9483

Previews

White Background



This preview shows how the XYZ color 17.5761, 19.1093, 15.5941 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 17.5761, 19.1093, 15.5941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

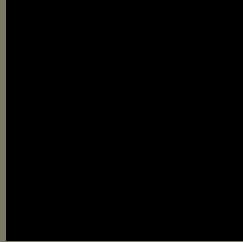
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5761, 19.1093, 15.5941

Background



This preview shows how black text looks on a background with the XYZ color 17.5761, 19.1093, 15.5941.



This preview shows how white text looks on a background with the XYZ color 17.5761, 19.1093,

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

17.5761, 19.1093, 15.5941

Protanopia

17.9880, 19.1461, 15.3179

Deuteranopia

19.3915, 18.9792, 15.7380



Tritanopia

19.0973, 19.1878, 23.1192

Trichromacy



Original Color

17.5761, 19.1093, 15.5941

Protanomaly

17.8398, 19.0697, 15.3109

Deuteranomaly

18.6500, 18.9429, 15.7701

Tritanomaly

18.5037, 19.1248, 20.1690

Monochromacy



Original Color

17.5761, 19.1093, 15.5941

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7598, 18.9546, 18.6421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5761, 19.1093, 15.5941 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(123, 122, 103)` looks like.

```
.text, #text, p{  
    color:rgb(123, 122, 103)  
}
```

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(123, 122, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 122, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.5761, 19.1093, 15.5941 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(123, 122, 103) }
```


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

```
.border{ border-color:rgb(123, 122, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 122, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 122, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 122, 103);  
box-shadow:4px 4px 4px 4px rgb(123, 122,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5761, 19.1093, 15.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 122, 103) }
```

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

```
.background{ background-color: rgb(123,  
122, 103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor