

Converting Colors

XYZ(18.4367, 19.8232, 21.8217)

Have a look what the booklet for
XYZ(18.4367, 19.8232, 21.8217)
contains.

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Color

**XYZ(18.4535, 19.7925,
21.9165)**

Conversions

Conversions Part 1

Format	Color
Hex	777C7C
RGB	119, 124, 124
RGB Percent	47%, 49%, 49%
CMY	0.5333, 0.5137, 0.5137
CMYK	0.04, 0.00, 0.00, 0.51
HSL	180°, 2%, 48%
HSV	180°, 4%, 49%
XYZ	18.4535, 19.7925, 21.9165
YIQ	122.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
R_{YB}	119, 122, 124
Decimal	7830652
CIE Lab	51.60, -1.86, -0.66
CIE LCh	52, 1.976, 199.386
Yxy	19.7925, 0.3067, 0.3290
Android (android.graphics.Color)	4286020732 (0xFF777C7C)
YUV	122.5050, 0.7370, -3.0739
Hunter-Lab	44.4888, -3.8153, 1.9341

Details

The XYZ color **18.4535, 19.7925, 21.9165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2395, 18.8112, 20.1234**, and the grayscale version is **18.6628, 19.6347, 21.3822**.

A 20% lighter version of the original color is **40.1564, 42.8432, 47.2274**, and **6.3846, 6.8797, 7.6480** is the 20% darker color. If you saturate the color by 10%, you get **16.8613, 18.9723, 21.8406**, and if you desaturate by 10%, it is **20.2689, 20.7289, 22.0037**.

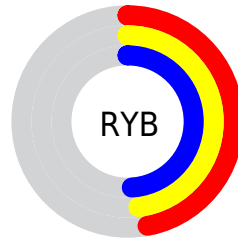
Distribution



Red (47%)

Green (49%)

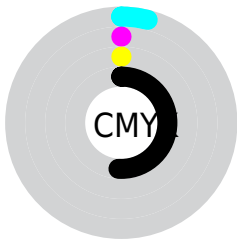
Blue (49%)



Red (47%)

Yellow (48%)

Blue (49%)

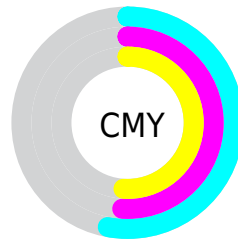


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4535, 19.7925, 21.9165 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 18.4535, 19.7925, 21.9165 by changing the saturation by 10% instead.

■ 18.4535, 19.7925,
21.9165

■ 18.4535, 19.7925,
21.9165

236.4114,
250.7896, 275.0492

■ 11.3777, 12.2443,
13.5978

■ 40.3326, 43.0690,
47.5084

■ 6.3907, 6.9103,
7.7059

■ 55.8667, 59.5661,
65.6186

■ 3.1269, 3.4061,
3.8223

■ 74.9509, 79.8150,
87.8299

■ 1.2212, 1.3472,
1.5284

97.9506, 104.2000,
114.5606

■ 0.1230, 0.1773,
0.2389

125.2311,
133.1056, 146.2293

■ 0.0000, 0.0000,
0.0000

157.1579,

166.9161, 183.2547

194.0962,
206.0160, 226.0551

■ 18.4535, 19.7925,
21.9165

■ 18.4535, 19.7925,
21.9165

■ 16.8613, 18.9723,
21.8406

■ 20.2689, 20.7289,
22.0037

■ 15.4822, 18.2613,
21.7742

■ 22.3138, 21.7831,
22.1012

■ 14.3074, 17.6558,
21.7174

■ 24.5966, 22.9598,
22.2099

■ 13.3275, 17.1507,
21.6697

■ 27.1245, 24.2630,
22.3300

■ 12.5317, 16.7405,
21.6307

■ 29.9046, 25.6961,
22.4619

■ 11.9087, 16.4193,
21.5997

■ 32.9434, 27.2626,
22.6060

■ 11.4456, 16.1806,
21.5762

■ 36.2476, 28.9660,
22.7624

■ 11.1278, 16.0168,
21.5595

■ 39.8233, 30.8093,
22.9316

■ 10.9357, 15.9178,
21.5487

■ 43.6766, 32.7957,
23.1137

Harmonies

Analogous

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



18.4385, 19.7925, 21.3494



18.4535, 19.7925, 21.9165



18.5642, 19.7925, 22.3934

Triad

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



18.4535, 19.7925, 21.9165



19.1042, 19.7925, 22.2720



18.8828, 19.7925, 20.4913

Complementary

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



18.4535, 19.7925, 21.9165



18.2395, 18.8112, 20.1234

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.



19.0624, 19.7925, 20.7294



18.4535, 19.7925, 21.9165



19.1908, 19.7925, 21.7532

Square

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



18.4535, 19.7925, 21.9165



18.9395, 19.7925, 22.6011



19.1755, 19.7925, 21.1889



18.6854, 19.7925, 20.5333

Rectangle

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



18.4535, 19.7925, 21.9165



18.6778, 19.7925, 22.5928



19.1755, 19.7925, 21.1889



18.9472, 19.7925, 20.5411

Sweetspot

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



18.4541, 19.7933, 21.9169



33.3926, 35.3038, 38.6106



18.1572, 19.6759, 20.2939



7.8699, 8.3174, 9.0936



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.



18.4541, 19.7933, 21.9169



32.1504, 34.6635, 38.5512



18.1549, 19.1948, 21.8179



4.2447, 4.5834, 5.1039



11.0222, 16.1325, 21.8997



52.5762, 76.9535, 104.4588

Inverse Universe

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



18.2395, 18.8112, 20.1234



31.6747, 32.4856, 34.5741



18.5308, 19.3940, 20.2198



4.1780, 4.2779, 4.5461



8.4505, 4.3563, 0.3971



40.3087, 20.7798, 1.8896

Previews

White Background



This preview shows how the XYZ color 18.4535, 19.7925, 21.9165 looks on a white background.

Color Contrast Check

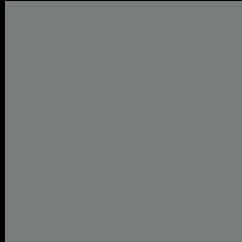
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4535, 19.7925, 21.9165 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

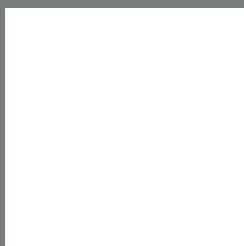
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4535, 19.7925, 21.9165

Background



This preview shows how black text looks on a background with the XYZ color 18.4535, 19.7925, 21.9165.



This preview shows how white text looks on a background with the XYZ color 18.4535, 19.7925,

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

18.4535, 19.7925, 21.9165

Protanopia

18.9921, 19.7091, 21.5421

Deuteranopia

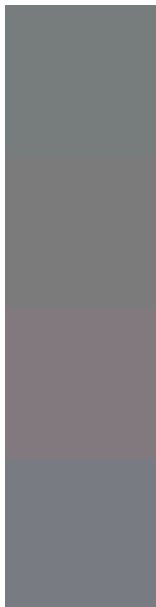
20.1300, 19.7427, 22.1518



Tritanopia

18.9935, 19.8249, 24.6553

Trichromacy



Original Color

18.4535, 19.7925, 21.9165

Protanomaly

18.8265, 19.8069, 21.5697

Deuteranomaly

19.5923, 19.8225, 22.1955

Tritanomaly

18.7911, 19.7440, 23.5894

Monochromacy



Original Color

18.4535, 19.7925, 21.9165

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6841, 19.7336, 21.5631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4535, 19.7925, 21.9165 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(119, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(119, 124, 124)  
}
```

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(119, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.4535, 19.7925, 21.9165 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(119, 124, 124) }
```


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

```
.border{ border-color:rgb(119, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(119, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4535, 19.7925, 21.9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 124, 124) }
```

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

```
.background{ background-color: rgb(119,  
124, 124) }
```

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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