

Converting Colors

XYZ(18.6788, 20.2762, 22.0264)

Have a look what the booklet for
XYZ(18.6788, 20.2762, 22.0264)
contains.

XYZ(18.7067, 20.2989, 22.0009)	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(18.7067, 20.2989,
22.0009)**

Conversions

Conversions Part 1

Format	Color
Hex	777E7C
RGB	119, 126, 124
RGB Percent	47%, 49%, 49%
CMY	0.5333, 0.5059, 0.5137
CMYK	0.06, 0.00, 0.02, 0.51
HSL	163°, 3%, 48%
HSV	163°, 6%, 49%
XYZ	18.7067, 20.2989, 22.0009
YIQ	123.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

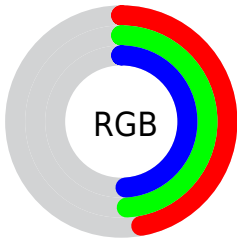
Format	Color
R_{YB}	119, 123, 126
Decimal	7831164
CIE Lab	52.17, -3.01, 0.18
CIE LCh	52, 3.015, 176.585
Yxy	20.2989, 0.3066, 0.3327
Android (android.graphics.Color)	4286021244 (0xFF777E7C)
YUV	123.6790, 0.1583, -4.1035
Hunter-Lab	45.0543, -4.7312, 2.5855

Details

The XYZ color **18.7067, 20.2989, 22.0009** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6530, 19.0103, 20.7764**, and the grayscale version is **19.0522, 20.0444, 21.8284**.

A 20% lighter version of the original color is **40.7512, 44.0327, 47.4256**, and **6.5224, 7.1553, 7.6940** is the 20% darker color. If you saturate the color by 10%, you get **16.8672, 19.3770, 20.7473**, and if you desaturate by 10%, it is **20.7850, 21.3440, 23.3100**.

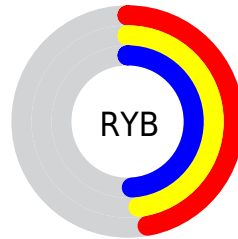
Distribution



Red (47%)

Green (49%)

Blue (49%)



Red (47%)

Yellow (48%)

Blue (49%)

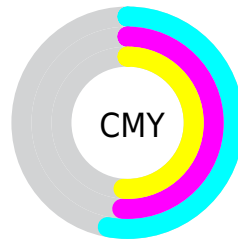


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (51%)



Cyan (53%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7067, 20.2989, 22.0009 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 18.7067, 20.2989, 22.0009 by changing the saturation by 10% instead.

■ 18.7067, 20.2989,
22.0009

■ 18.7067, 20.2989,
22.0009

237.7941,
253.5287, 275.5046

■ 11.5613, 12.6125,
13.6592

■ 40.7586, 43.9177,
47.6497

■ 6.5158, 7.1623,
7.7480

■ 56.3958, 60.6190,
65.7939

■ 3.2048, 3.5638,
3.8487

■ 75.5944, 81.0940,
88.0427

■ 1.2630, 1.4327,
1.5427

98.7195, 105.7271,
114.8147

■ 0.1552, 0.2406,
0.2494

126.1368,
134.9027, 146.5283

■ 0.0000, 0.0000,
0.0000

158.2113,

169.0052, 183.6021

195.3087,
208.4191, 226.4547

■ 18.7067, 20.2989,
22.0009

■ 18.7067, 20.2989,
22.0009

■ 16.8672, 19.3770,
20.7473

■ 20.7850, 21.3440,
23.3100

■ 15.2557, 18.5712,
19.5470

■ 23.1089, 22.5143,
24.6740

■ 13.8632, 17.8773,
18.3995

■ 25.6870, 23.8146,
26.0943

■ 12.6793, 17.2900,
17.3039

■ 28.5272, 25.2490,
27.5717

■ 11.6929, 16.8036,
16.2590

■ 31.6369, 26.8213,
29.1069

■ 10.8917, 16.4117,
15.2640

■ 35.0231, 28.5352,
30.7007

■ 10.2619, 16.1073,
14.3176

■ 38.6927, 30.3942,
32.3539

■ 9.7881, 15.8825,
13.4185

■ 42.6523, 32.4016,
34.0671

■ 9.4445, 15.7239,
12.5652

■ 46.9082, 34.5608,
35.8411

Harmonies

Analogous

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



18.8020, 20.2989, 21.1786



18.7067, 20.2989, 22.0009



18.7672, 20.2989, 22.8720

Triad

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



18.7067, 20.2989, 22.0009



19.5605, 20.2989, 23.6583



19.6224, 20.2989, 20.7125

Complementary

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



18.7067, 20.2989, 22.0009



18.6530, 19.0103, 20.7764

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.



19.8295, 20.2989, 21.3496



18.7067, 20.2989, 22.0009



19.7935, 20.2989, 23.0520

Square

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



18.7067, 20.2989, 22.0009



19.2581, 20.2989, 23.8438



19.8924, 20.2989, 22.2035



19.3289, 20.2989, 20.4473

Rectangle

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



18.7067, 20.2989, 22.0009



18.8882, 20.2989, 23.3607



19.8924, 20.2989, 22.2035



19.7046, 20.2989, 20.8894

Sweetspot

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



18.7073, 20.2998, 22.0013



34.1625, 36.3506, 39.5227



18.6905, 20.3267, 20.3914



7.7830, 8.2746, 8.9978



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.



18.7073, 20.2998, 22.0013



32.3791, 35.4550, 38.3641



18.6574, 19.9953, 22.6158



4.4798, 4.9088, 5.3109



9.5443, 16.0643, 12.5048



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.6530, 19.0103, 20.7764



32.2571, 32.5595, 35.6136



18.6993, 19.2975, 20.1923



4.4626, 4.5011, 4.9236



9.1525, 4.6807, 2.1270



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.7067, 20.2989, 22.0009 looks on a white background.

Color Contrast Check

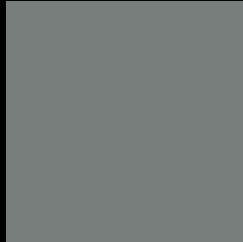
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7067, 20.2989, 22.0009 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

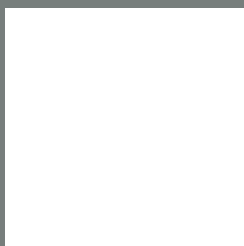
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7067, 20.2989, 22.0009

Background



This preview shows how black text looks on a background with the XYZ color 18.7067, 20.2989, 22.0009.



This preview shows how white text looks on a background with the XYZ color 18.7067, 20.2989,

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

18.7067, 20.2989, 22.0009

Protanopia

19.5352, 20.3574, 21.6386

Deuteranopia

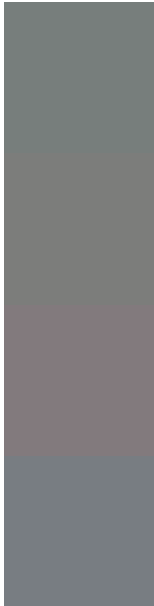
20.5715, 20.1479, 22.2067



Tritanopia

19.3959, 20.2015, 25.4313

Trichromacy



Original Color

18.7067, 20.2989, 22.0009

Protanomaly

19.2209, 20.3824, 21.6600

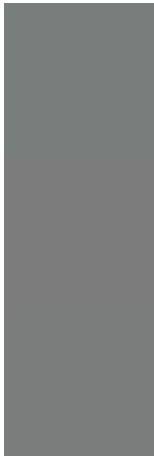
Deuteranomaly

19.8671, 20.1456, 22.2434

Tritanomaly

19.1086, 20.2720, 24.0248

Monochromacy



Original Color

18.7067, 20.2989, 22.0009

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9977, 20.2600, 21.9781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7067, 20.2989, 22.0009 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, 126, 124) looks like.

```
.text, #text, p{  
    color:rgb(119, 126, 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, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 126, 124) }
```

Border

The CSS property to change the border of an element to XYZ 18.7067, 20.2989, 22.0009 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, 126, 124) }
```


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

```
.border{ border-color:rgb(119, 126, 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, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 126, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 126, 124); box-shadow:4px 4px 4px 4px rgb(119, 126, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7067, 20.2989, 22.0009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 126, 124) }
```

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

```
.background{ background-color: rgb(119,  
126, 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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