

Converting Colors

XYZ(19.7163, 20.3905, 22.7134)

Have a look what the booklet for
XYZ(19.7163, 20.3905, 22.7134)
contains.

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Color

**XYZ(19.7259, 20.4337,
22.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7C7E
RGB	127, 124, 126
RGB Percent	50%, 49%, 49%
CMY	0.5020, 0.5137, 0.5059
CMYK	0.00, 0.02, 0.01, 0.50
HSL	320°, 1%, 49%
HSV	320°, 2%, 50%
XYZ	19.7259, 20.4337, 22.6431
YIQ	125.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

Format	Color
RYB	127, 124, 126
Decimal	8354942
CIELab	52.32, 1.53, -0.69
CIELCh	52, 1.679, 335.671
Yxy	20.4337, 0.3141, 0.3254
Android (android.graphics.Color)	4286545022 (0xFF7F7C7E)
YUV	125.1250, 0.4314, 1.6444
Hunter-Lab	45.2037, -1.2128, 1.9434

Details

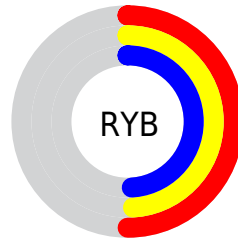
The XYZ color **19.7259, 20.4337, 22.6431** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.6039, 20.9449, 22.4125**, and the grayscale version is **19.5339, 20.5512, 22.3802**.

A 20% lighter version of the original color is **42.4844, 44.0086, 48.9032**, and **6.9975, 7.1877, 8.0397** is the 20% darker color. If you saturate the color by 10%, you get **17.9684, 17.3466, 20.7375**, and if you desaturate by 10%, it is **21.7012, 23.9372, 24.6789**.

Distribution



- Red (50%)
- Green (49%)
- Blue (49%)



- Red (50%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7259, 20.4337, 22.6431 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 19.7259, 20.4337, 22.6431 by changing the saturation by 10% instead.

■ 19.7259, 20.4337,
22.6431

■ 19.7259, 20.4337,
22.6431

243.2893,
254.2534, 278.9488

■ 12.3031, 12.7107,
14.1274

■ 42.4646, 44.1431,
48.7224

■ 7.0241, 7.2296,
8.0696

■ 58.5112, 60.8983,
67.1230

■ 3.5236, 3.6061,
4.0511

■ 78.1631, 81.4331,
89.6557

■ 1.4363, 1.4558,
1.6534

101.7856,
106.1317, 116.7390

■ 0.2819, 0.2573,
0.3285

129.7441,
135.3787, 148.7914

■ 0.0000, 0.0000,
0.0000

162.4040,

169.5584, 186.2315

200.1306,
209.0551, 229.4778

■ 19.7259, 20.4337,
22.6431

■ 19.7259, 20.4337,
22.6431

■ 17.9684, 17.3466,
20.7375

■ 21.7012, 23.9372,
24.6789

■ 16.4190, 14.6576,
18.9574

■ 23.8999, 27.8692,
26.8467

■ 15.0698, 12.3511,
17.2997

■ 26.3298, 32.2447,
29.1501

■ 13.9119, 10.4093,
15.7608

■ 28.9978, 37.0770,
31.5919

■ 12.9356, 8.8131,
14.3366

■ 31.9102, 42.3789,
34.1749

■ 12.1302, 7.5414,
13.0229

■ 35.0734, 48.1628,
36.9020

■ 11.4842, 6.5713,
11.8150

■ 38.4935, 54.4405,
39.7757

■ 10.9841, 5.8762,
10.7077

■ 42.1761, 61.2234,
42.7986

■ 10.6144, 5.4253,
9.6949

■ 46.1271, 68.5228,
45.9732

Harmonies

Analogous

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



19.6160, 20.4337, 23.0307



19.7259, 20.4337, 22.6431



19.7541, 20.4337, 22.1549

Triad

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



19.7259, 20.4337, 22.6431



19.3888, 20.4337, 21.3154



19.1530, 20.4337, 22.8082

Complementary

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



19.7259, 20.4337, 22.6431



19.6039, 20.9449, 22.4125

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.



19.0929, 20.4337, 22.3430



19.7259, 20.4337, 22.6431



19.2285, 20.4337, 21.4848

Square

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



19.7259, 20.4337, 22.6431



19.5588, 20.4337, 21.3931



19.1205, 20.4337, 21.8592



19.2851, 20.4337, 23.1271

Rectangle

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



19.7259, 20.4337, 22.6431



19.7226, 20.4337, 21.8392



19.1205, 20.4337, 21.8592



19.1237, 20.4337, 22.6635

Sweetspot

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



19.7265, 20.4346, 22.6435



35.7750, 37.3878, 41.0225



19.4967, 20.3086, 22.9712



8.3816, 8.7636, 9.6105



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



19.7265, 20.4346, 22.6435



35.0887, 36.1757, 40.2986



19.6305, 20.3962, 22.1382



4.6720, 4.7983, 5.3678



10.4660, 5.2061, 9.0435



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.7265, 20.4346, 22.6435



35.0887, 36.1757, 40.2986



19.7004, 20.9835, 22.9204



4.6720, 4.7983, 5.3678



10.4660, 5.2061, 9.0435



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.7259, 20.4337, 22.6431 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 19.7259, 20.4337, 22.6431 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

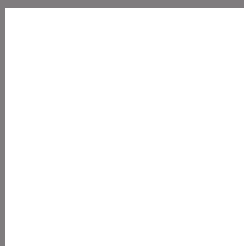
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.7259, 20.4337, 22.6431

Background



This preview shows how black text looks on a background with the XYZ color 19.7259, 20.4337, 22.6431.



This preview shows how white text looks on a background with the XYZ color 19.7259, 20.4337,

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

19.7259, 20.4337, 22.6431

Protanopia

19.7259, 20.4337, 22.6431

Deuteranopia

20.8215, 20.4413, 22.9268



Tritanopia

20.2187, 20.4486, 25.0716

Trichromacy



Original Color

19.7259, 20.4337, 22.6431

Protanomaly

19.7259, 20.4337, 22.6431

Deuteranomaly

20.4632, 20.4379, 22.9451

Tritanomaly

20.0143, 20.3668, 23.9954

Monochromacy



Original Color

19.7259, 20.4337, 22.6431

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6395, 20.5835, 22.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7259, 20.4337, 22.6431 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(127, 124, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 124, 126)  
}
```

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(127, 124, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 124, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.7259, 20.4337, 22.6431 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(127, 124, 126) }
```


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

```
.border{ border-color:rgb(127, 124, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 124, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 124, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 124, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 124,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7259, 20.4337, 22.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 124, 126) }
```

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

```
.background{ background-color: rgb(127,  
124, 126) }
```

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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