

Converting Colors

XYZ(19.3216, 20.3037, 22.7928)

Have a look what the booklet for
XYZ(19.3216, 20.3037, 22.7928)
contains.

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Color

**XYZ(19.2857, 20.2067,
22.6225)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7C7E
RGB	124, 124, 126
RGB Percent	49%, 49%, 49%
CMY	0.5137, 0.5137, 0.5059
CMYK	0.02, 0.02, 0.00, 0.51
HSL	240°, 1%, 49%
HSV	240°, 2%, 49%
XYZ	19.2857, 20.2067, 22.6225
YIQ	124.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

Format	Color
RYB	124, 124, 126
Decimal	8158334
CIELab	52.07, 0.41, -1.09
CIELCh	52, 1.167, 290.366
Yxy	20.2067, 0.3105, 0.3253
Android (android.graphics.Color)	4286348414 (0xFF7C7C7E)
YUV	124.2280, 0.8736, -0.2000
Hunter-Lab	44.9519, -2.0839, 1.6280

Details

The XYZ color **19.2857, 20.2067, 22.6225** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7032, 20.8124, 22.0478**, and the grayscale version is **19.2320, 20.2335, 22.0343**.

A 20% lighter version of the original color is **41.5665, 43.5354, 48.8602**, and **6.7573, 7.0638, 8.0285** is the 20% darker color. If you saturate the color by 10%, you get **16.1020, 16.3718, 22.0504**, and if you desaturate by 10%, it is **22.9047, 24.5660, 23.2735**.

Distribution



Red (49%)

Green (49%)

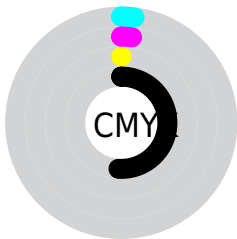
Blue (49%)



Red (49%)

Yellow (49%)

Blue (49%)



Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2857, 20.2067, 22.6225 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 19.2857, 20.2067, 22.6225 by changing the saturation by 10% instead.

■ 19.2857, 20.2067,
22.6225

■ 19.2857, 20.2067,
22.6225

240.9294,
253.0319, 278.8389

■ 11.9821, 12.5454,
14.1123

■ 41.7295, 43.7635,
48.6880

■ 6.8036, 7.1163,
8.0592

■ 57.6004, 60.4277,
67.0805

■ 3.3848, 3.5349,
4.0445

■ 77.0577, 80.8617,
89.6041

■ 1.3604, 1.4170,
1.6498

100.4670,
105.4498, 116.6775

■ 0.2277, 0.2292,
0.3260

128.1934,
134.5765, 148.7191

■ 0.0000, 0.0000,
0.0000

160.6024,

168.6262, 186.1475

198.0593,
207.9832, 229.3813

■ 19.2857, 20.2067,
22.6225

■ 19.2857, 20.2067,
22.6225

■ 16.1020, 16.3718,
22.0504

■ 22.9047, 24.5660,
23.2735

■ 13.3354, 13.0391,
21.5529

■ 26.9726, 29.4658,
24.0049

■ 10.9693, 10.1886,
21.1274

■ 31.5047, 34.9246,
24.8196

■ 8.9851, 7.7980,
20.7706

■ 36.5150, 40.9592,
25.7204

■ 7.3628, 5.8432,
20.4788

■ 42.0170, 47.5858,
26.7094

■ 6.0806, 4.2980,
20.2481

■ 48.0235, 54.8199,
27.7892

■ 5.1142, 3.1332,
20.0742

■ 54.5470, 62.6766,
28.9618

■ 4.4364, 2.3159,
19.9522

■ 61.5995, 71.1701,
30.2296

■ 4.0152, 1.8078,
19.8763

■ 69.1925, 80.3145,
31.5944

Harmonies

Analogous

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



19.1675, 20.2067, 22.6549



19.2857, 20.2067, 22.6225



19.3828, 20.2067, 22.4228

Triad

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



19.2857, 20.2067, 22.6225



19.3524, 20.2067, 21.5002



18.9809, 20.2067, 21.8920

Complementary

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



19.2857, 20.2067, 22.6225



19.7032, 20.8124, 22.0478

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.



19.0300, 20.2067, 21.5858



19.2857, 20.2067, 22.6225



19.2442, 20.2067, 21.3611

Square

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



19.2857, 20.2067, 22.6225



19.4214, 20.2067, 21.7741



19.1262, 20.2067, 21.3923



18.9919, 20.2067, 22.2308

Rectangle

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



19.2857, 20.2067, 22.6225



19.4224, 20.2067, 22.2229



19.1262, 20.2067, 21.3923



18.9909, 20.2067, 21.7819

Sweetspot

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



19.2863, 20.2076, 22.6229



34.9068, 36.7246, 39.9931



19.5371, 20.7126, 22.6959



7.9400, 8.3535, 9.0970



60.6688, 63.8283, 69.5090

Same Dimension

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



19.2863, 20.2076, 22.6229



33.6735, 35.2391, 39.7714



19.4264, 20.2794, 22.6294



4.6835, 4.9042, 5.5130



3.8649, 1.5482, 20.3451



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.4504, 20.3065, 21.9642



34.0448, 35.4630, 38.2806



19.5616, 20.7398, 22.0412



4.7293, 4.9318, 5.3289



8.8278, 4.5508, 0.4169



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.2857, 20.2067, 22.6225 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 19.2857, 20.2067, 22.6225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

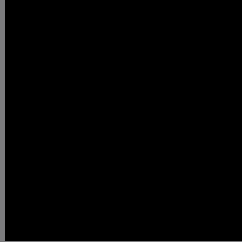
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

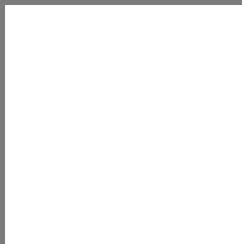
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2857, 20.2067, 22.6225

Background



This preview shows how black text looks on a background with the XYZ color 19.2857, 20.2067, 22.6225.



This preview shows how white text looks on a background with the XYZ color 19.2857, 20.2067,

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

19.2857, 20.2067, 22.6225

Protanopia

19.4530, 20.1079, 22.5946

Deuteranopia

20.5389, 20.1161, 22.8790



Tritanopia

19.7740, 20.2193, 25.0508

Trichromacy



Original Color

19.2857, 20.2067, 22.6225

Protanomaly

19.3063, 20.0322, 22.5877

Deuteranomaly

20.0282, 20.0323, 22.8897

Tritanomaly

19.5697, 20.1376, 23.9746

Monochromacy



Original Color

19.2857, 20.2067, 22.6225

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2215, 20.1811, 22.2843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2857, 20.2067, 22.6225 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(124, 124, 126)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 19.2857, 20.2067, 22.6225 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(124, 124, 126) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 19.2857, 20.2067, 22.6225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(124,  
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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