

Converting Colors

XYZ(19.6412, 20.6458, 22.6979)

Have a look what the booklet for
XYZ(19.6412, 20.6458, 22.6979)
contains.

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Color

**XYZ(19.5570, 20.5336,
22.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7D7E
RGB	125, 125, 126
RGB Percent	49%, 49%, 49%
CMY	0.5098, 0.5098, 0.5059
CMYK	0.01, 0.01, 0.00, 0.51
HSL	240°, 0%, 49%
HSV	240°, 1%, 49%
XYZ	19.5570, 20.5336, 22.6713
YIQ	125.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

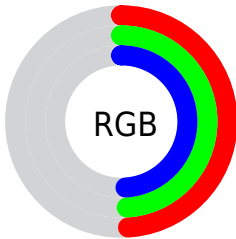
Format	Color
R _{YB}	125, 125, 126
Decimal	8224126
CIE Lab	52.44, 0.20, -0.55
CIE LCh	52, 0.586, 290.333
Yxy	20.5336, 0.3116, 0.3272
Android (android.graphics.Color)	4286414206 (0xFF7D7D7E)
YUV	125.1140, 0.4368, -0.1000
Hunter-Lab	45.3140, -2.2610, 2.0561

Details

The XYZ color **19.5570, 20.5336, 22.6713** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7668, 20.8378, 22.3827**, and the grayscale version is **19.5306, 20.5477, 22.3764**.

A 20% lighter version of the original color is **42.4172, 44.5604, 49.0132**, and **6.9045, 7.2412, 8.0550** is the 20% darker color. If you saturate the color by 10%, you get **16.3409, 16.6609, 22.0936**, and if you desaturate by 10%, it is **23.2091, 24.9314, 23.3280**.

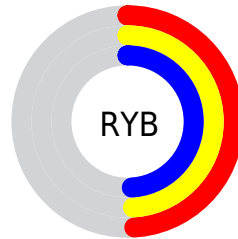
Distribution



Red (49%)

Green (49%)

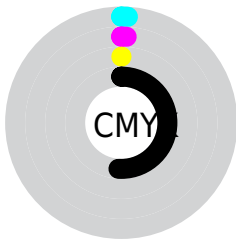
Blue (49%)



Red (49%)

Yellow (49%)

Blue (49%)



Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5570, 20.5336, 22.6713 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 19.5570, 20.5336, 22.6713 by changing the saturation by 10% instead.

■ 19.5570, 20.5336,
22.6713

■ 19.5570, 20.5336,
22.6713

242.3862,
254.7893, 279.0992

■ 12.1798, 12.7835,
14.1480

■ 42.1828, 44.3100,
48.7694

■ 6.9393, 7.2796,
8.0837

■ 58.1622, 61.1051,
67.1812

■ 3.4702, 3.6376,
4.0600

■ 77.7397, 81.6840,
89.7263

■ 1.4070, 1.4730,
1.6583

101.2806,
106.4311, 116.8231

■ 0.2612, 0.2696,
0.3319

129.1504,
135.7308, 148.8903

■ 0.0000, 0.0000,
0.0000

161.7144,

169.9675, 186.3463

199.3379,
209.5255, 229.6098

■ 19.5570, 20.5336,
22.6713

■ 19.5570, 20.5336,
22.6713

■ 16.3409, 16.6609,
22.0936

■ 23.2091, 24.9314,
23.3280

■ 13.5429, 13.2912,
21.5907

■ 27.3110, 29.8700,
24.0650

■ 11.1464, 10.4047,
21.1598

■ 31.8776, 35.3681,
24.8856

■ 9.1329, 7.9791,
20.7978

■ 36.9231, 41.4422,
25.7921

■ 7.4827, 5.9907,
20.5009

■ 42.4607, 48.1086,
26.7870

■ 6.1740, 4.4134,
20.2655

■ 48.5033, 55.3827,
27.8725

■ 5.1830, 3.2186,
20.0871

■ 55.0633, 63.2792,
29.0510

■ 4.4827, 2.3736,
19.9609

■ 62.1527, 71.8127,
30.3244

■ 4.0416, 1.8409,
19.8813

■ 69.7828, 80.9969,
31.6950

Harmonies

Analogous

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



19.4971, 20.5336, 22.6875



19.5570, 20.5336, 22.6713



19.6062, 20.5336, 22.5708

Triad

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



19.5570, 20.5336, 22.6713



19.5909, 20.5336, 22.1023



19.4022, 20.5336, 22.3017

Complementary

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



19.5570, 20.5336, 22.6713



19.7668, 20.8378, 22.3827

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.



19.4272, 20.5336, 22.1457



19.5570, 20.5336, 22.6713



19.5361, 20.5336, 22.0309

Square

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



19.5570, 20.5336, 22.6713



19.6258, 20.5336, 22.2421



19.4762, 20.5336, 22.0468



19.4077, 20.5336, 22.4735

Rectangle

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



19.5570, 20.5336, 22.6713



19.6263, 20.5336, 22.4699



19.4762, 20.5336, 22.0468



19.4073, 20.5336, 22.2457

Sweetspot

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



19.5576, 20.5345, 22.6717



34.9068, 36.7246, 39.9931



19.6835, 20.7880, 22.7084



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.



19.5576, 20.5345, 22.6717



34.2864, 35.9777, 39.8817



19.6280, 20.5704, 22.6750



4.7592, 4.9954, 5.5266



3.8664, 1.5513, 20.3456



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.6400, 20.5839, 22.3411



34.4732, 36.0898, 39.1321



19.6959, 20.8017, 22.3794



4.7823, 5.0093, 5.4342



8.8285, 4.5511, 0.4209



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.5570, 20.5336, 22.6713 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 19.5570, 20.5336, 22.6713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

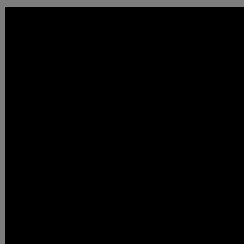
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

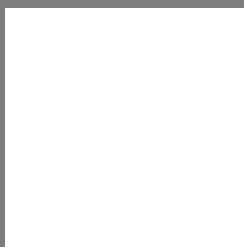
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.5570, 20.5336, 22.6713

Background



This preview shows how black text looks on a background with the XYZ color 19.5570, 20.5336, 22.6713.



This preview shows how white text looks on a background with the XYZ color 19.5570, 20.5336,

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

19.5570, 20.5336, 22.6713

Protanopia

19.7259, 20.4337, 22.6431

Deuteranopia

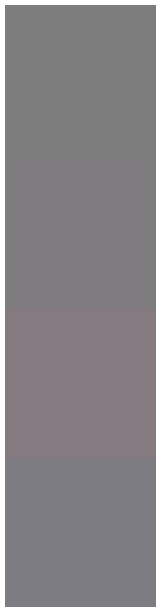
20.8215, 20.4413, 22.9268



Tritanopia

20.1149, 20.5722, 25.4649

Trichromacy



Original Color

19.5570, 20.5336, 22.6713

Protanomaly

19.5777, 20.3573, 22.6362

Deuteranomaly

20.3060, 20.3569, 22.9377

Tritanomaly

19.9086, 20.4896, 24.3783

Monochromacy



Original Color

19.5570, 20.5336, 22.6713

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.4927, 20.5079, 22.3331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5570, 20.5336, 22.6713 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(125, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 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(125, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.5570, 20.5336, 22.6713 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(125, 125, 126) }
```

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

```
.border{ border-color:rgb(125, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
126) }
```


Background

The CSS property to change the background color of an element to XYZ 19.5570, 20.5336, 22.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 126) }
```

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

```
.background{ background-color: rgb(125,  
125, 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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