

Converting Colors

XYZ(20.6611, 20.1759, 22.7161)

Have a look what the booklet for
XYZ(20.6611, 20.1759, 22.7161)
contains.

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Color

**XYZ(20.7006, 20.1995,
22.8865)**

Conversions

Conversions Part 1

Format	Color
Hex	88787F
RGB	136, 120, 127
RGB Percent	53%, 47%, 50%
CMY	0.4667, 0.5294, 0.5020
CMYK	0.00, 0.12, 0.07, 0.47
HSL	334°, 6%, 50%
HSV	334°, 12%, 53%
XYZ	20.7006, 20.1995, 22.8865
YIQ	125.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

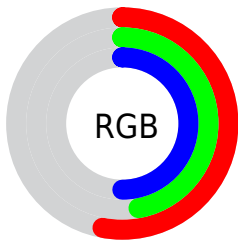
Format	Color
R_{YB}	136, 120, 127
Decimal	8943743
CIE Lab	52.06, 7.46, -1.57
CIE LCh	52, 7.620, 348.136
Yxy	20.1995, 0.3245, 0.3167
Android (android.graphics.Color)	4287133823 (0xFF88787F)
YUV	125.5820, 0.6991, 9.1366
Hunter-Lab	44.9439, 3.5632, 1.2688

Details

The XYZ color **20.7006, 20.1995, 22.8865** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.5132, 23.1869, 24.1645**, and the grayscale version is **19.6859, 20.7111, 22.5544**.

A 20% lighter version of the original color is **43.9770, 43.6192, 49.2815**, and **7.5303, 7.1632, 8.1935** is the 20% darker color. If you saturate the color by 10%, you get **18.7000, 16.9660, 19.8522**, and if you desaturate by 10%, it is **22.9726, 23.9146, 26.1986**.

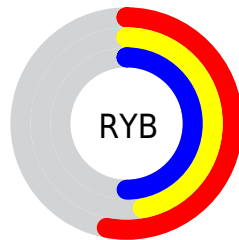
Distribution



Red (53%)

Green (47%)

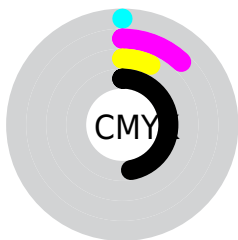
Blue (50%)



Red (53%)

Yellow (47%)

Blue (50%)

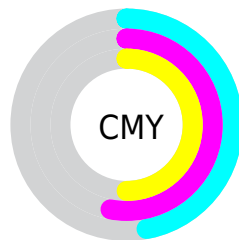


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7006, 20.1995, 22.8865 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 20.7006, 20.1995, 22.8865 by changing the saturation by 10% instead.

■ 20.7006, 20.1995,
22.8865

■ 20.7006, 20.1995,
22.8865

248.4450,
252.9931, 280.2445

■ 13.0165, 12.5401,
14.3052

■ 44.0838, 43.7514,
49.1277

■ 7.5170, 7.1127,
8.1921

■ 60.5136, 60.4127,
67.6247

■ 3.8367, 3.5327,
4.1286

■ 80.5893, 80.8435,
90.2641

■ 1.6102, 1.4157,
1.6961

104.6764,
105.4282, 117.4643

■ 0.3990, 0.2283,
0.3581

133.1402,
134.5511, 149.6439

■ 0.0000, 0.0000,
0.0000

166.3459,

168.5966, 187.2214

204.6591,
207.9491, 230.6154

■ 20.7006, 20.1995,
22.8865

■ 20.7006, 20.1995,
22.8865

■ 18.7000, 16.9660,
19.8522

■ 22.9726, 23.9146,
26.1986

■ 16.9584, 14.1916,
17.0867

■ 25.5242, 28.1272,
29.7946

■ 15.4652, 11.8560,
14.5825

■ 28.3654, 32.8560,
33.6819

■ 14.2082, 9.9363,
12.3311

■ 31.5053, 38.1177,
37.8672

■ 13.1741, 8.4075,
10.3234

■ 34.9525, 43.9284,
42.3571

■ 12.3482, 7.2419,
8.5499

■ 38.7152, 50.3033,
47.1579

■ 11.7142, 6.4081,
6.9998

■ 42.8013, 57.2573,
52.2756

■ 11.2527, 5.8692,
5.6617

■ 47.2185, 64.8045,
57.7163

■ 10.9556, 5.5552,
4.6991

■ 51.9742, 72.9587,
63.4857

Harmonies

Analogous

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



20.3348, 20.1995, 24.9788



20.7006, 20.1995, 22.8865



20.6561, 20.1995, 20.6870

Triad

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



20.7006, 20.1995, 22.8865



18.7371, 20.1995, 18.1683



18.2178, 20.1995, 25.3414

Complementary

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



20.7006, 20.1995, 22.8865



20.5132, 23.1869, 24.1645

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.



17.8121, 20.1995, 23.3546



20.7006, 20.1995, 22.8865



18.1063, 20.1995, 19.2566

Square

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



20.7006, 20.1995, 22.8865



19.5082, 20.1995, 18.0617



17.7719, 20.1995, 21.1247



18.8931, 20.1995, 26.4588

Rectangle

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



20.7006, 20.1995, 22.8865



20.3999, 20.1995, 19.4527



17.7719, 20.1995, 21.1247



18.0462, 20.1995, 24.7471

Sweetspot

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



20.7012, 20.2004, 22.8869



39.5103, 40.5457, 44.7686



20.1841, 19.8630, 26.0630



9.0853, 9.2837, 10.2742



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.7012, 20.2004, 22.8869



35.5406, 34.0716, 38.9284



20.3573, 20.2174, 20.5998



5.1178, 5.0826, 5.7088



10.3736, 5.2595, 4.4714



0.0761, 0.0378, 0.0673

Inverse Universe

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



20.7012, 20.2004, 22.8869



35.5406, 34.0716, 38.9284



20.8822, 23.1550, 26.6616



5.1178, 5.0826, 5.7088



10.3736, 5.2595, 4.4714



0.0761, 0.0378, 0.0673

Previews

White Background



This preview shows how the XYZ color 20.7006, 20.1995, 22.8865 looks on a white background.

Color Contrast Check

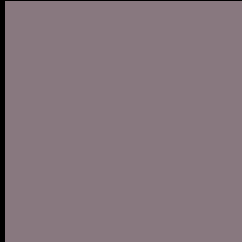
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7006, 20.1995, 22.8865 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 20.7006, 20.1995, 22.8865

Background



This preview shows how black text looks on a background with the XYZ color 20.7006, 20.1995, 22.8865.



This preview shows how white text looks on a background with the XYZ color 20.7006, 20.1995,

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

20.7006, 20.1995, 22.8865

Protanopia

19.6275, 20.3603, 23.6643

Deuteranopia

20.5389, 20.1161, 22.8790



Tritanopia

20.8323, 20.2522, 23.5800

Trichromacy



Original Color

20.7006, 20.1995, 22.8865

Protanomaly

20.0325, 20.3916, 23.3022

Deuteranomaly

20.5389, 20.1161, 22.8790

Tritanomaly

20.7661, 20.2257, 23.2315

Monochromacy



Original Color

20.7006, 20.1995, 22.8865

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1795, 20.6675, 22.6643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7006, 20.1995, 22.8865 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(136, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(136, 120, 127)  
}
```

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(136, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 120, 127) }
```

Border

The CSS property to change the border of an element to XYZ 20.7006, 20.1995, 22.8865 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(136, 120, 127) }
```


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

```
.border{ border-color:rgb(136, 120, 127) }
```

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

Here you see how a box with a 4 pixel rgb(136, 120, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 120, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 120, 127);  
box-shadow:4px 4px 4px 4px rgb(136, 120,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7006, 20.1995, 22.8865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 120, 127) }
```

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

```
.background{ background-color: rgb(136,  
120, 127) }
```

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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