

Converting Colors

XYZ(20.5647, 20.8077, 21.8897)

Have a look what the booklet for
XYZ(20.5647, 20.8077, 21.8897)
contains.

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Color

**XYZ(20.6773, 20.9389,
22.0206)**

Conversions

Conversions Part 1

Format	Color
Hex	867C7C
RGB	134, 124, 124
RGB Percent	53%, 49%, 49%
CMY	0.4745, 0.5137, 0.5137
CMYK	0.00, 0.07, 0.07, 0.47
HSL	0°, 4%, 51%
HSV	0°, 7%, 53%
XYZ	20.6773, 20.9389, 22.0206
YIQ	126.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

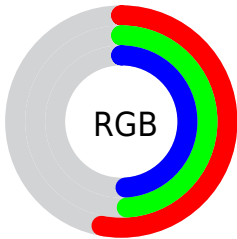
Format	Color
RYB	134, 124, 124
Decimal	8813692
CIELab	52.88, 3.81, 1.37
CIElCh	53, 4.045, 19.751
Yxy	20.9389, 0.3249, 0.3290
Android (android.graphics.Color)	4287003772 (0xFF867C7C)
YUV	126.9900, -1.4741, 6.1478
Hunter-Lab	45.7590, 0.5811, 3.4992

Details

The XYZ color **20.6773, 20.9389, 22.0206** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.1404, 23.0562, 25.8907**, and the grayscale version is **20.1733, 21.2239, 23.1129**.

A 20% lighter version of the original color is **43.8553, 44.7501, 47.4005**, and **7.4422, 7.4250, 7.6975** is the 20% darker color. If you saturate the color by 10%, you get **18.3206, 17.4905, 17.3344**, and if you desaturate by 10%, it is **23.3785, 24.8914, 27.3904**.

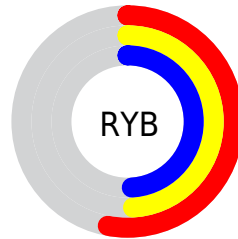
Distribution



Red (53%)

Green (49%)

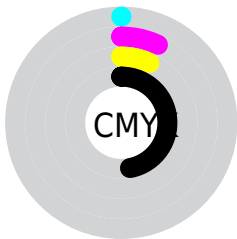
Blue (49%)



Red (53%)

Yellow (49%)

Blue (49%)

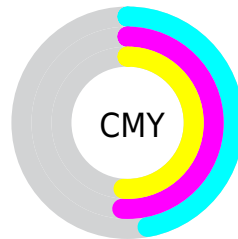


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6773, 20.9389, 22.0206 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 20.6773, 20.9389, 22.0206 by changing the saturation by 10% instead.

■ 20.6773, 20.9389,
22.0206

■ 20.6773, 20.9389,
22.0206

248.3228,
256.9536, 275.6108

■ 12.9994, 13.0793,
13.6736

■ 44.0452, 44.9858,
47.6827

■ 7.5052, 7.4832,
7.7578

■ 60.4659, 61.9420,
65.8348

■ 3.8291, 3.7661,
3.8548

■ 80.5317, 82.6991,
88.0924

■ 1.6059, 1.5436,
1.5461

104.6078,
107.6417, 114.8739

■ 0.3963, 0.3191,
0.2519

133.0596,
137.1540, 146.5980

■ 0.0000, 0.0000,
0.0000

166.2524,

171.6205, 183.6832

204.5517,
211.4256, 226.5479

■ 20.6773, 20.9389,
22.0206

■ 20.6773, 20.9389,
22.0206

■ 18.3206, 17.4905,
17.3344

■ 23.3785, 24.8914,
27.3904

■ 16.2928, 14.5234,
13.3030

■ 26.4354, 29.3643,
33.4681

■ 14.5799, 12.0170,
9.8977

■ 29.8609, 34.3764,
40.2788

■ 13.1661, 9.9482,
7.0871

■ 33.6667, 39.9450,
47.8456

■ 12.0343, 8.2920,
4.8372

■ 37.8639, 46.0863,
56.1909

■ 11.1655, 7.0206,
3.1103

■ 42.4634, 52.8161,
65.3360

■ 10.5386, 6.1032,
1.8643

■ 47.4754, 60.1495,
75.3014

■ 10.1291, 5.5039,
1.0506

■ 52.9098, 68.1010,
86.1069

■ 9.8875, 5.1504,
0.5706

■ 58.7764, 76.6847,
97.7716

Harmonies

Analogous

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



20.7131, 20.9389, 23.2159



20.6773, 20.9389, 22.0206



20.4320, 20.9389, 21.0665

Triad

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



20.6773, 20.9389, 22.0206



19.2873, 20.9389, 21.3265



19.7574, 20.9389, 25.1692

Complementary

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



20.6773, 20.9389, 22.0206



21.1404, 23.0562, 25.8907

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.



19.3808, 20.9389, 24.6238



20.6773, 20.9389, 22.0206



19.1120, 20.9389, 22.3869

Square

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



20.6773, 20.9389, 22.0206



19.6281, 20.9389, 20.6757



19.1459, 20.9389, 23.5953



20.1780, 20.9389, 25.0627

Rectangle

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



20.6773, 20.9389, 22.0206



20.1847, 20.9389, 20.6822



19.1459, 20.9389, 23.5953



19.6216, 20.9389, 25.0553

Sweetspot

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



20.6779, 20.9398, 22.0210



38.9336, 40.5539, 43.7722



21.3426, 21.2052, 25.5227



8.7867, 9.1589, 9.8920



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.6779, 20.9398, 22.0210



35.6684, 35.7762, 37.2804



21.3202, 22.2244, 22.2352



4.6727, 4.6889, 4.8881



9.2139, 4.7505, 0.4313



0.0319, 0.0165, 0.0015

Inverse Universe

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



21.1404, 23.0562, 25.8907



36.6613, 40.3202, 45.5887



20.4658, 21.7072, 25.6658



4.8015, 5.2787, 5.9666



12.0177, 17.5833, 23.8972



0.0416, 0.0609, 0.0828

Previews

White Background



This preview shows how the XYZ color 20.6773, 20.9389, 22.0206 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 20.6773, 20.9389, 22.0206 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 20.6773, 20.9389, 22.0206

Background



This preview shows how black text looks on a background with the XYZ color 20.6773, 20.9389, 22.0206.



This preview shows how white text looks on a background with the XYZ color 20.6773, 20.9389,

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

20.6773, 20.9389, 22.0206

Protanopia

20.2158, 21.0695, 22.4034

Deuteranopia

21.2451, 20.8633, 21.9761



Tritanopia

21.2395, 20.9828, 24.7604

Trichromacy



Original Color

20.6773, 20.9389, 22.0206

Protanomaly

20.3954, 20.9732, 22.3753

Deuteranomaly

21.0376, 20.9395, 22.0017

Tritanomaly

21.0371, 20.9018, 23.6946

Monochromacy



Original Color

20.6773, 20.9389, 22.0206

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.4327, 21.1739, 22.7487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6773, 20.9389, 22.0206 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(134, 124, 124) looks like.

```
.text, #text, p{  
    color:rgb(134, 124, 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(134, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 20.6773, 20.9389, 22.0206 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(134, 124, 124) }
```


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

```
.border{ border-color:rgb(134, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6773, 20.9389, 22.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 124, 124) }
```

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

```
.background{ background-color: rgb(134,  
124, 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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