

Converting Colors

XYZ(21.6098, 22.5197, 23.9769)

Have a look what the booklet for
XYZ(21.6098, 22.5197, 23.9769)
contains.

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Color

**XYZ(21.6179, 22.5368,
23.9795)**

Conversions

Conversions Part 1

Format	Color
Hex	858281
RGB	133, 130, 129
RGB Percent	52%, 51%, 51%
CMY	0.4784, 0.4902, 0.4941
CMYK	0.00, 0.02, 0.03, 0.48
HSL	15°, 2%, 51%
HSV	15°, 3%, 52%
XYZ	21.6179, 22.5368, 23.9795
YIQ	130.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

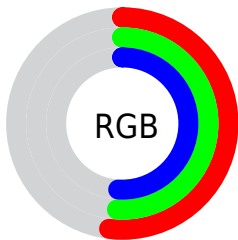
Format	Color
R_{YB}	133, 130, 129
Decimal	8749697
CIE _{Lab}	54.59, 0.93, 0.93
CIE _{LCh}	55, 1.318, 45.004
Yxy	22.5368, 0.3173, 0.3308
Android (android.graphics.Color)	4286939777 (0xFF858281)
YUV	130.7830, -0.8790, 1.9443
Hunter-Lab	47.4729, -1.7935, 3.2825

Details

The XYZ color **21.6179, 22.5368, 23.9795** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5380, 22.8626, 25.4682**, and the grayscale version is **21.4990, 22.6186, 24.6317**.

A 20% lighter version of the original color is **45.6267, 47.6835, 51.0550**, and **8.0466, 8.3489, 8.7768** is the 20% darker color. If you saturate the color by 10%, you get **19.5289, 19.6826, 19.2017**, and if you desaturate by 10%, it is **23.9517, 25.6959, 29.4072**.

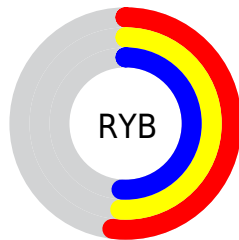
Distribution



Red (52%)

Green (51%)

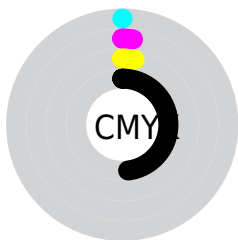
Blue (51%)



Red (52%)

Yellow (51%)

Blue (51%)

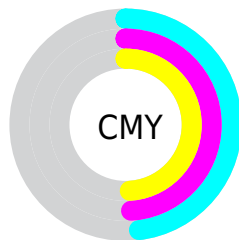


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6179, 22.5368, 23.9795 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 21.6179, 22.5368, 23.9795 by changing the saturation by 10% instead.

■ 21.6179, 22.5368,
23.9795

■ 21.6179, 22.5368,
23.9795

253.2143,
265.3369, 286.0000

■ 13.6914, 14.2519,
15.1064

■ 45.5972, 47.6316,
50.9402

■ 7.9866, 8.2960,
8.7466

■ 62.3808, 65.2103,
69.8648

■ 4.1381, 4.2850,
4.4817

■ 82.8474, 86.6557,
92.9769

■ 1.7806, 1.8342,
1.8932

107.3625,
112.3521, 120.6952

■ 0.5059, 0.5084,
0.4884

136.2914,
142.6841, 153.4381

■ 0.0000, 0.0000,
0.0000

169.9994,

178.0360, 191.6242

208.8520,
218.7921, 235.6720

■ 21.6179, 22.5368,
23.9795

■ 21.6179, 22.5368,
23.9795

■ 19.5289, 19.6826,
19.2017

■ 23.9517, 25.6959,
29.4072

■ 17.6748, 17.1212,
15.0480

■ 26.5360, 29.1655,
35.5065

■ 16.0477, 14.8442,
11.4928

■ 29.3788, 32.9548,
42.2999

■ 14.6385, 12.8415,
8.5083

■ 32.4871, 37.0720,
49.8083

■ 13.4376, 11.1027,
6.0646

■ 35.8676, 41.5246,
58.0519

■ 12.4347, 9.6164,
4.1287

■ 39.5269, 46.3201,
67.0500

■ 11.6184, 8.3705,
2.6644

■ 43.4712, 51.4657,
76.8211

■ 10.9761, 7.3517,
1.6303

■ 47.7066, 56.9684,
87.3831

■ 10.4932, 6.5455,
0.9774

■ 52.2390, 62.8350,
98.7535

Harmonies

Analogous

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



21.6905, 22.5368, 24.3330



21.6179, 22.5368, 23.9795



21.4926, 22.5368, 23.7770

Triad

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



21.6179, 22.5368, 23.9795



21.1529, 22.5368, 24.3331



21.4927, 22.5368, 25.3166

Complementary

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



21.6179, 22.5368, 23.9795



21.5380, 22.8626, 25.4682

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.



21.3486, 22.5368, 25.3166



21.6179, 22.5368, 23.9795



21.1529, 22.5368, 24.7456

Square

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



21.6179, 22.5368, 23.9795



21.2244, 22.5368, 23.9796



21.2244, 22.5368, 25.1066



21.6179, 22.5368, 25.1065

Rectangle

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



21.6179, 22.5368, 23.9795



21.3963, 22.5368, 23.7534



21.2244, 22.5368, 25.1066



21.4448, 22.5368, 25.3412

Sweetspot

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



21.6185, 22.5378, 23.9800



39.5082, 41.4390, 44.7780



21.6882, 22.3533, 25.0015



8.9073, 9.3446, 10.1031



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.



21.6185, 22.5378, 23.9800



38.2879, 39.7803, 41.9603



21.8868, 23.0743, 24.0694



4.9869, 5.1735, 5.4362



9.7465, 5.8155, 0.6088



0.0389, 0.0303, 0.0038

Inverse Universe

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



21.5380, 22.8626, 25.4682



38.0931, 40.5661, 45.5607



21.2698, 22.3261, 25.3788



4.9585, 5.2878, 5.9601



8.3489, 10.2456, 22.6743



0.0347, 0.0471, 0.0805

Previews

White Background



This preview shows how the XYZ color 21.6179, 22.5368, 23.9795 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 21.6179, 22.5368, 23.9795 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

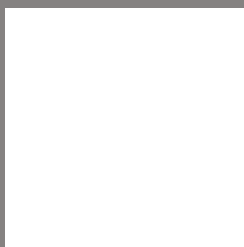
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6179, 22.5368, 23.9795

Background



This preview shows how black text looks on a background with the XYZ color 21.6179, 22.5368, 23.9795.



This preview shows how white text looks on a background with the XYZ color 21.6179, 22.5368,

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

21.6179, 22.5368, 23.9795

Protanopia

21.6179, 22.5368, 23.9795

Deuteranopia

22.8178, 22.3731, 24.2349



Tritanopia

22.3420, 22.6329, 27.6171

Trichromacy



Original Color

21.6179, 22.5368, 23.9795

Protanomaly

21.6179, 22.5368, 23.9795

Deuteranomaly

22.2661, 22.2794, 24.2459

Tritanomaly

22.0549, 22.5181, 26.1057

Monochromacy



Original Color

21.6179, 22.5368, 23.9795

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6613, 22.7498, 24.3686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6179, 22.5368, 23.9795 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(133, 130, 129) looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 129)  
}
```

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(133, 130, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.6179, 22.5368, 23.9795 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(133, 130, 129) }
```


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

```
.border{ border-color:rgb(133, 130, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 129);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6179, 22.5368, 23.9795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 129) }
```

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

```
.background{ background-color: rgb(133,  
130, 129) }
```

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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