

Converting Colors

XYZ(20.6134, 22.8986, 21.3994)

Have a look what the booklet for
XYZ(20.6134, 22.8986, 21.3994)
contains.

XYZ(20.5805, 22.8663, 21.4181)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.5805, 22.8663,
21.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8679
RGB	126, 134, 121
RGB Percent	49%, 53%, 47%
CMY	0.5059, 0.4745, 0.5255
CMYK	0.06, 0.00, 0.10, 0.47
HSL	97°, 5%, 50%
HSV	97°, 10%, 53%
XYZ	20.5805, 22.8663, 21.4181
YIQ	130.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

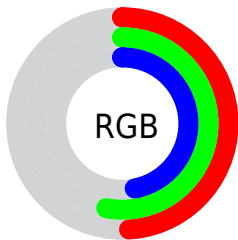
Format	Color
R_{YB}	121, 134, 129
Decimal	8291961
CIE _{Lab}	54.93, -5.51, 5.99
CIE _{LCh}	55, 8.133, 132.614
Yxy	22.8663, 0.3173, 0.3525
Android (android.graphics.Color)	4286482041 (0xFF7E8679)
YUV	130.1260, -4.4991, -3.6185
Hunter-Lab	47.8187, -6.8589, 6.9170

Details

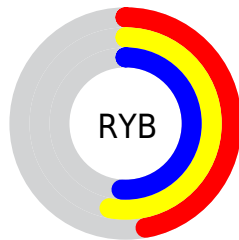
The XYZ color **20.5805, 22.8663, 21.4181** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.1946, 20.0637, 25.3638**, and the grayscale version is **21.2788, 22.3869, 24.3794**.

A 20% lighter version of the original color is **43.9036, 48.1415, 46.5134**, and **7.4335, 8.3995, 7.5328** is the 20% darker color. If you saturate the color by 10%, you get **18.6489, 21.9596, 17.3319**, and if you desaturate by 10%, it is **22.7278, 23.8723, 26.1113**.

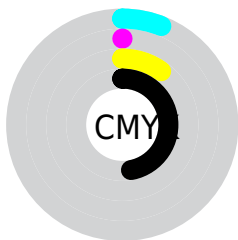
Distribution



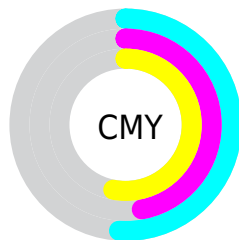
- Red (49%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (51%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5805, 22.8663, 21.4181 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 20.5805, 22.8663, 21.4181 by changing the saturation by 10% instead.

■ 20.5805, 22.8663,
21.4181

■ 20.5805, 22.8663,
21.4181

247.8147,
267.0375, 272.3459

■ 12.9284, 14.4948,
13.2357

■ 43.8849, 48.1737,
46.6721

■ 7.4559, 8.4656,
7.4585

■ 60.2679, 65.8784,
64.5809

■ 3.7977, 4.3943,
3.6677

■ 80.2919, 87.4630,
86.5689

■ 1.5883, 1.8965,
1.4449

104.3223,
113.3118, 113.0546

■ 0.3848, 0.5463,
0.1763

132.7244,
143.8093, 144.4566

■ 0.0000, 0.0000,
0.0000

165.8636,

179.3398, 181.1935

204.1053,
220.2877, 223.6837

■ 20.5805, 22.8663,
21.4181

■ 20.5805, 22.8663,
21.4181

■ 18.6489, 21.9596,
17.3319

■ 22.7278, 23.8723,
26.1113

■ 16.9241, 21.1463,
13.8265

■ 25.0957, 24.9777,
31.4333

■ 15.3991, 20.4238,
10.8759

■ 27.6913, 26.1862,
37.4067

■ 14.0661, 19.7889,
8.4516

■ 30.5206, 27.5006,
44.0525

■ 12.9163, 19.2377,
6.5224

■ 33.5896, 28.9235,
51.3909

■ 11.9405, 18.7662,
5.0542

■ 36.9039, 30.4573,
59.4411

■ 11.1284, 18.3698,
4.0082

■ 40.4691, 32.1046,
68.2214

■ 10.4683, 18.0436,
3.3394

■ 44.2905, 33.8677,
77.7499

■ 9.9323, 17.7761,
2.9191

■ 48.3733, 35.7488,
88.0436

Harmonies

Analogous

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



21.3572, 22.8663, 20.3581



20.5805, 22.8663, 21.4181



20.1203, 22.8663, 23.4426

Triad

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



20.5805, 22.8663, 21.4181



21.2196, 22.8663, 29.9448



23.4705, 22.8663, 23.8285

Complementary

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



20.5805, 22.8663, 21.4181



20.1946, 20.0637, 25.3638

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.



23.4312, 22.8663, 26.4114



20.5805, 22.8663, 21.4181



22.1147, 22.8663, 30.0660

Square

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



20.5805, 22.8663, 21.4181



20.4822, 22.8663, 28.4142



22.9293, 22.8663, 28.7347



23.0352, 22.8663, 21.6837

Rectangle

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



20.5805, 22.8663, 21.4181



20.0468, 22.8663, 25.1248



22.9293, 22.8663, 28.7347



23.5127, 22.8663, 24.6717

Sweetspot

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



20.5811, 22.8673, 21.4186



38.7272, 41.4435, 43.1008



21.1075, 22.0976, 21.2423



8.6613, 9.3071, 9.5706



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.



20.5811, 22.8673, 21.4186



35.3527, 39.8621, 35.7915



19.9424, 22.5287, 21.8078



4.7731, 5.2856, 4.9980



9.3051, 16.6569, 2.7247



0.0400, 0.0617, 0.0098

Inverse Universe

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



20.1946, 20.0637, 25.3638



34.5062, 33.7239, 44.4291



20.8827, 20.4289, 24.9254



4.6890, 4.6758, 5.8561



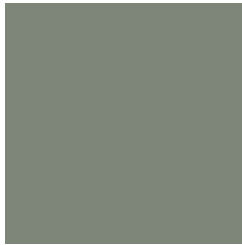
7.3443, 3.3203, 21.3905



0.0336, 0.0157, 0.0745

Previews

White Background



This preview shows how the XYZ color 20.5805, 22.8663, 21.4181 looks on a white background.

Color Contrast Check

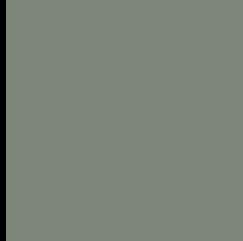
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5805, 22.8663, 21.4181 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

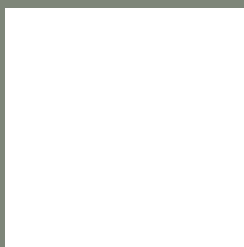
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5805, 22.8663, 21.4181

Background



This preview shows how black text looks on a background with the XYZ color 20.5805, 22.8663, 21.4181.



This preview shows how white text looks on a background with the XYZ color 20.5805, 22.8663,

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

20.5805, 22.8663, 21.4181

Protanopia

21.5994, 22.7987, 20.7150

Deuteranopia

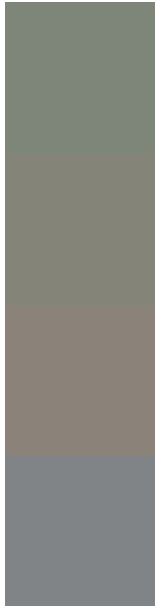
23.1348, 22.7869, 21.5913



Tritanopia

21.9773, 22.8228, 28.4462

Trichromacy



Original Color

20.5805, 22.8663, 21.4181

Protanomaly

21.1571, 22.7641, 21.0481

Deuteranomaly

22.1429, 22.8594, 21.6576

Tritanomaly

21.4564, 22.8130, 25.8267

Monochromacy



Original Color

20.5805, 22.8663, 21.4181

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0003, 22.4320, 23.3017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5805, 22.8663, 21.4181 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(126, 134, 121) looks like.

```
.text, #text, p{  
    color:rgb(126, 134, 121)  
}
```

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(126, 134, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 134, 121) }
```

Border

The CSS property to change the border of an element to XYZ 20.5805, 22.8663, 21.4181 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(126, 134, 121) }
```


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

```
.border{ border-color:rgb(126, 134, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 134, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 134, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 134, 121);  
box-shadow:4px 4px 4px 4px rgb(126, 134,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5805, 22.8663, 21.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 134, 121) }
```

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

```
.background{ background-color: rgb(126,  
134, 121) }
```

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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