

Converting Colors

XYZ(21.1245, 28.5850, 28.0818)

Have a look what the booklet for
XYZ(21.1245, 28.5850, 28.0818)
contains.

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Color

**XYZ(21.0566, 28.4840,
28.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9E89
RGB	91, 158, 137
RGB Percent	36%, 62%, 54%
CMY	0.6431, 0.3804, 0.4627
CMYK	0.42, 0.00, 0.13, 0.38
HSL	161°, 27%, 49%
HSV	161°, 42%, 62%
XYZ	21.0566, 28.4840, 28.0551
YIQ	135.5730, -33.1910, -20.7350

Conversions

Conversions Part 2

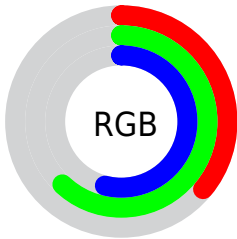
Format	Color
R _Y B	91, 131, 158
Decimal	6004361
CIE Lab	60.32, -26.44, 4.33
CIE LCh	60, 26.790, 170.708
Yxy	28.4840, 0.2714, 0.3671
Android (android.graphics.Color)	4284194441 (0xFF5B9E89)
YUV	135.5730, 0.7035, -39.0905
Hunter-Lab	53.3704, -22.9733, 6.1924

Details

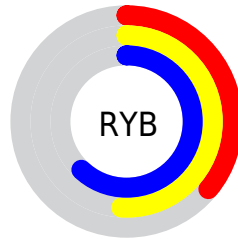
The XYZ color **21.0566, 28.4840, 28.0551** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.7672, 15.9219, 17.3090**, and the grayscale version is **23.2492, 24.4599, 26.6369**.

A 20% lighter version of the original color is **44.5901, 57.2355, 57.4126**, and **7.6737, 11.4083, 10.8144** is the 20% darker color. If you saturate the color by 10%, you get **19.3130, 27.6260, 26.1617**, and if you desaturate by 10%, it is **23.1461, 29.5199, 30.0511**.

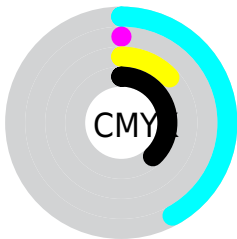
Distribution



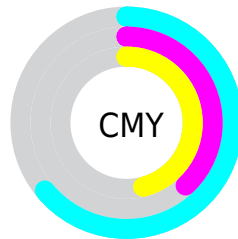
- Red (36%)
- Green (62%)
- Blue (54%)



- Red (36%)
- Yellow (51%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0566, 28.4840, 28.0551 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 21.0566, 28.4840, 28.0551 by changing the saturation by 10% instead.

■ 21.0566, 28.4840,
28.0551

■ 21.0566, 28.4840,
28.0551

250.3052,
294.7725, 306.6503

■ 13.2781, 18.6908,
18.1278

■ 44.6723, 57.2562,
57.5966

■ 7.6986, 11.4471,
10.8714

■ 61.2401, 77.0041,
78.0478

■ 3.9529, 6.3684,
5.8673

■ 81.4685, 100.8390,
102.8441

■ 1.6755, 3.0704,
2.6971

■ 105.7227,
129.1453, 132.4040

■ 0.4409, 1.1686,
0.9420

134.3681,
162.3074, 167.1460

■ 0.0000, 0.0358,
0.0000

167.7701,

■ 0.0000, 0.0000,

200.7097, 207.4887

0.0000

206.2940,
244.7366, 253.8506

■ 21.0566, 28.4840,
28.0551

■ 21.0566, 28.4840,
28.0551

■ 19.3130, 27.6260,
26.1617

■ 23.1461, 29.5199,
30.0511

■ 17.8919, 26.9316,
24.3668

■ 25.5981, 30.7401,
32.1496

■ 16.7708, 26.3901,
22.6689

■ 28.4314, 32.1548,
34.3534

■ 15.9229, 25.9876,
21.0654

■ 31.6623, 33.7726,
36.6641

■ 15.3169, 25.7080,
19.5537

■ 35.3064, 35.6014,
39.0837

■ 14.9596, 25.5476,
18.4634

■ 39.3783, 37.6488,
41.6138

■ 43.8922, 39.9220,
44.2560

■ 48.8612, 42.4278,
47.0121

■ 54.2981, 45.1727,
49.8835

Harmonies

Analogous

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



22.2704, 28.4840, 20.4989



21.0566, 28.4840, 28.0551



21.3459, 28.4840, 38.2057

Triad

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



21.0566, 28.4840, 28.0551



29.4798, 28.4840, 52.3203



31.4813, 28.4840, 18.5432

Complementary

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



21.0566, 28.4840, 28.0551



20.7672, 15.9219, 17.3090

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.



33.7430, 28.4840, 24.7871



21.0566, 28.4840, 28.0551



32.5212, 28.4840, 44.6225

Square

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



21.0566, 28.4840, 28.0551



26.0192, 28.4840, 53.7144



34.1388, 28.4840, 34.1745



28.1553, 28.4840, 15.8253

Rectangle

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



21.0566, 28.4840, 28.0551



22.3627, 28.4840, 45.0808



34.1388, 28.4840, 34.1745



32.4027, 28.4840, 20.2282

Sweetspot

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



21.0574, 28.4851, 28.0558



51.1647, 58.1584, 62.0358



20.8258, 28.6692, 14.3341



11.2804, 12.9845, 13.7931



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.0574, 28.4851, 28.0558



35.1886, 50.2244, 47.6446



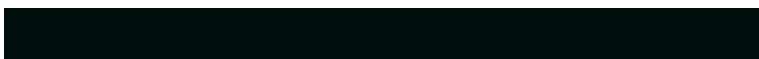
20.7221, 25.1643, 36.1141



6.7333, 7.4741, 8.0300



11.9989, 20.4675, 14.8831



0.2327, 0.3732, 0.3615

Inverse Universe

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



20.7672, 15.9219, 17.3090



34.5997, 24.2764, 25.5002



20.8682, 17.7822, 12.2304



6.7144, 6.6787, 7.3474



11.7622, 6.0094, 2.9986



0.2282, 0.1146, 0.1478

Previews

White Background



This preview shows how the XYZ color 21.0566, 28.4840, 28.0551 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 21.0566, 28.4840, 28.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

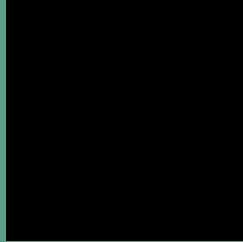
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0566, 28.4840, 28.0551

Background



This preview shows how black text looks on a background with the XYZ color 21.0566, 28.4840, 28.0551.

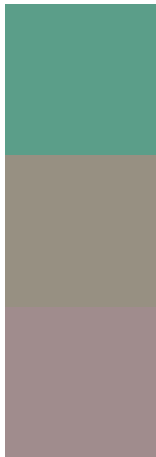


This preview shows how white text looks on a background with the XYZ color 21.0566, 28.4840,

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

21.0566, 28.4840, 28.0551

Protanopia

26.7650, 28.1375, 25.1395

Deuteranopia

28.6830, 28.1528, 29.1216



Tritanopia

23.5841, 28.5170, 40.3377

Trichromacy



Original Color

21.0566, 28.4840, 28.0551

Protanomaly

24.0343, 27.8555, 26.3002

Deuteranomaly

25.1590, 27.9118, 28.8724

Tritanomaly

22.4616, 28.2960, 35.2882

Monochromacy



Original Color

21.0566, 28.4840, 28.0551

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.1629, 25.7172, 27.0883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0566, 28.4840, 28.0551 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(91, 158, 137)` looks like.

```
.text, #text, p{  
    color:rgb(91, 158, 137)  
}
```

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(91, 158, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 158, 137) }
```

Border

The CSS property to change the border of an element to XYZ 21.0566, 28.4840, 28.0551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

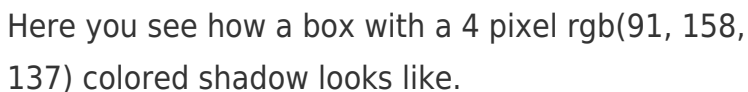
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 158, 137) }
```


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

```
.border{ border-color:rgb(91, 158, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 158, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 158, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 158, 137);  
box-shadow:4px 4px 4px 4px rgb(91, 158,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0566, 28.4840, 28.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 158, 137) }
```

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

```
.background{ background-color: rgb(91, 158,  
137) }
```

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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