

Converting Colors

XYZ(21.2550, 28.6981, 26.7185)

Have a look what the booklet for
XYZ(21.2550, 28.6981, 26.7185)
contains.

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Color

**XYZ(21.1798, 28.5801,
26.5905)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9E85
RGB	95, 158, 133
RGB Percent	37%, 62%, 52%
CMY	0.6274, 0.3804, 0.4784
CMYK	0.40, 0.00, 0.16, 0.38
HSL	156°, 25%, 50%
HSV	156°, 40%, 62%
XYZ	21.1798, 28.5801, 26.5905
YIQ	136.3130, -29.5230, -21.1310

Conversions

Conversions Part 2

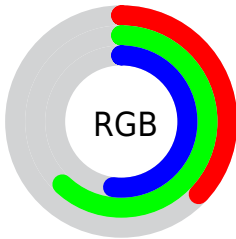
Format	Color
R_{YB}	95, 134, 158
Decimal	6266501
CIE Lab	60.41, -26.22, 6.73
CIE LCh	60, 27.068, 165.608
Yxy	28.5801, 0.2774, 0.3743
Android (android.graphics.Color)	4284456581 (0xFF5F9E85)
YUV	136.3130, -1.6333, -36.2315
Hunter-Lab	53.4604, -22.8379, 7.9322

Details

The XYZ color **21.1798, 28.5801, 26.5905** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.5839, 16.8103, 19.8775**, and the grayscale version is **23.5336, 24.7592, 26.9627**.

A 20% lighter version of the original color is **44.8699, 57.4296, 55.1745**, and **7.7505, 11.4618, 10.1913** is the 20% darker color. If you saturate the color by 10%, you get **19.2819, 27.6510, 24.3078**, and if you desaturate by 10%, it is **23.4381, 29.6935, 29.0263**.

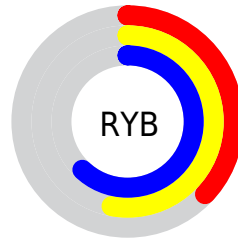
Distribution



Red (37%)

Green (62%)

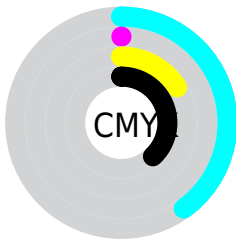
Blue (52%)



Red (37%)

Yellow (53%)

Blue (62%)

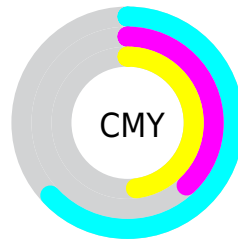


Cyan (40%)

Magenta (0%)

Yellow (16%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1798, 28.5801, 26.5905 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 21.1798, 28.5801, 26.5905 by changing the saturation by 10% instead.

■ 21.1798, 28.5801,
26.5905

■ 21.1798, 28.5801,
26.5905

250.9462,
295.2286, 299.3661

■ 13.3687, 18.7634,
17.0362

■ 44.8756, 57.4093,
55.2218

■ 7.7617, 11.4994,
10.0981

■ 61.4910, 77.1905,
75.1358

■ 3.9933, 6.4038,
5.3576

■ 81.7719, 101.0621,
99.3402

■ 1.6984, 3.0922,
2.3962

■ 106.0837,
129.4084, 128.2535

■ 0.4552, 1.1800,
0.7844

134.7916,
162.6138, 162.2942

■ 0.0000, 0.0453,
0.0000

168.2611,

■ 0.0000, 0.0000,

201.0627, 201.8808

0.0000

206.8575,
245.1395, 247.4319

■ 21.1798, 28.5801,
26.5905

■ 21.1798, 28.5801,
26.5905

■ 19.2819, 27.6510,
24.3078

■ 23.4381, 29.6935,
29.0263

■ 17.7212, 26.8921,
22.1729

■ 26.0734, 30.9974,
31.6165

■ 16.4757, 26.2928,
20.1831

■ 29.1040, 32.5021,
34.3647

■ 15.5194, 25.8397,
18.3347

■ 32.5465, 34.2159,
37.2739

■ 14.8220, 25.5173,
16.6237

■ 36.4164, 36.1469,
40.3469

■ 14.3128, 25.2892,
15.0441

■ 40.7283, 38.3026,
43.5864

■ 14.3066, 25.2865,
15.0249

■ 45.4963, 40.6900,
46.9952

■ 50.7336, 43.3162,
50.5759

■ 56.4532, 46.1875,
54.3310

Harmonies

Analogous

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



22.6542, 28.5801, 19.5365



21.1798, 28.5801, 26.5905



21.2110, 28.5801, 36.5703

Triad

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



21.1798, 28.5801, 26.5905



29.0067, 28.5801, 53.4902



32.1245, 28.5801, 19.3262

Complementary

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



21.1798, 28.5801, 26.5905



21.5839, 16.8103, 19.8775

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.



34.1393, 28.5801, 26.2381



21.1798, 28.5801, 26.5905



32.2370, 28.5801, 46.5588

Square

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



21.1798, 28.5801, 26.5905



25.5336, 28.5801, 53.6415



34.1822, 28.5801, 36.1342



28.8635, 28.5801, 15.9916

Rectangle

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



21.1798, 28.5801, 26.5905



22.0749, 28.5801, 43.6764



34.1822, 28.5801, 36.1342



32.9818, 28.5801, 21.2334

Sweetspot

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



21.1806, 28.5813, 26.5912



51.4849, 58.3424, 61.1992



22.0668, 29.2886, 15.3170



11.4536, 13.0769, 13.6601



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.



21.1806, 28.5813, 26.5912



35.3103, 50.3565, 44.5175



22.0714, 27.2619, 36.4480



6.7103, 7.4649, 7.9088



11.4774, 20.2589, 12.1371



0.2257, 0.3704, 0.3246

Inverse Universe

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



21.5839, 16.8103, 19.8775



36.1536, 25.8997, 30.5950



20.8498, 17.4617, 13.0984



6.7366, 6.6876, 7.4643



12.0234, 6.1139, 4.3742



0.2352, 0.1174, 0.1846

Previews

White Background



This preview shows how the XYZ color 21.1798, 28.5801, 26.5905 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 21.1798, 28.5801, 26.5905 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 21.1798, 28.5801, 26.5905

Background



This preview shows how black text looks on a background with the XYZ color 21.1798, 28.5801, 26.5905.



This preview shows how white text looks on a background with the XYZ color 21.1798, 28.5801,

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

21.1798, 28.5801, 26.5905

Protanopia

26.8402, 28.4326, 23.8121

Deuteranopia

28.7937, 28.2437, 27.6009



Tritanopia

23.8677, 28.4192, 40.3039

Trichromacy



Original Color

21.1798, 28.5801, 26.5905

Protanomaly

24.2289, 28.2230, 24.9395

Deuteranomaly

25.3589, 28.0483, 27.3699

Tritanomaly

22.8096, 28.4851, 34.8678

Monochromacy



Original Color

21.1798, 28.5801, 26.5905

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.2316, 25.7607, 26.7223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1798, 28.5801, 26.5905 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(95, 158, 133)` looks like.

```
.text, #text, p{  
    color:rgb(95, 158, 133)  
}
```

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(95, 158, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 158, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.1798, 28.5801, 26.5905 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(95, 158, 133) }
```


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

```
.border{ border-color:rgb(95, 158, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 158, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 158, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 158, 133);  
box-shadow:4px 4px 4px 4px rgb(95, 158,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1798, 28.5801, 26.5905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 158, 133) }
```

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

```
.background{ background-color: rgb(95, 158,  
133) }
```

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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