

Converting Colors

XYZ(21.2505, 27.9273, 29.8896)

Have a look what the booklet for
XYZ(21.2505, 27.9273, 29.8896)
contains.

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Color

**XYZ(21.2852, 28.0571,
29.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9C8E
RGB	93, 156, 142
RGB Percent	36%, 61%, 56%
CMY	0.6353, 0.3882, 0.4431
CMYK	0.40, 0.00, 0.09, 0.39
HSL	167°, 25%, 49%
HSV	167°, 40%, 61%
XYZ	21.2852, 28.0571, 29.8849
YIQ	135.5670, -33.0540, -17.7100

Conversions

Conversions Part 2

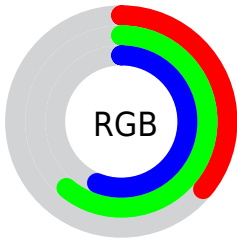
Format	Color
RYB	93, 128, 156
Decimal	6134926
CIELab	59.94, -23.70, 0.96
CIELCh	60, 23.715, 177.689
Yxy	28.0571, 0.2687, 0.3541
Android (android.graphics.Color)	4284325006 (0xFF5D9C8E)
YUV	135.5670, 3.1715, -37.3313
Hunter-Lab	52.9690, -20.9667, 3.6271

Details

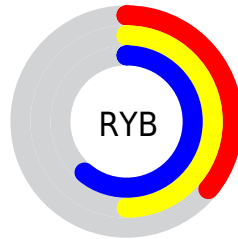
The XYZ color **21.2852, 28.0571, 29.8849** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2795, 15.9590, 15.9227**, and the grayscale version is **23.2380, 24.4482, 26.6241**.

A 20% lighter version of the original color is **45.1121, 56.6850, 60.7882**, and **7.7965, 11.1448, 11.8654** is the 20% darker color. If you saturate the color by 10%, you get **19.6083, 27.2230, 28.4691**, and if you desaturate by 10%, it is **23.2939, 29.0628, 31.3598**.

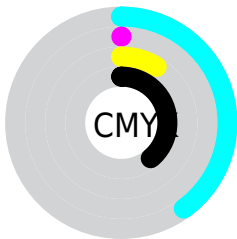
Distribution



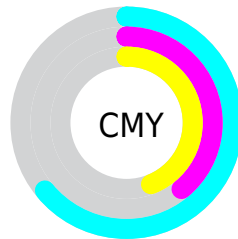
- Red (36%)
- Green (61%)
- Blue (56%)



- Red (36%)
- Yellow (50%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2852, 28.0571, 29.8849 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 21.2852, 28.0571, 29.8849 by changing the saturation by 10% instead.

■ 21.2852, 28.0571,
29.8849

■ 21.2852, 28.0571,
29.8849

251.4934,
292.7397, 315.5582

■ 13.4463, 18.3687,
19.4999

■ 45.0494, 56.5756,
60.5390

■ 7.8157, 11.2150,
11.8516

■ 61.7054, 76.1745,
81.6451

■ 4.0280, 6.2117,
6.5214

■ 82.0312, 99.8457,
107.1621

■ 1.7180, 2.9742,
3.0908

■ 106.3920,
127.9735, 137.5085

■ 0.4675, 1.1183,
1.1412

135.1533,
160.9424, 173.1027

■ 0.0000, 0.0000,
0.0000

168.6804,

199.1369, 214.3634

207.3387,
242.9411, 261.7090

■ 21.2852, 28.0571,
29.8849

■ 21.2852, 28.0571,
29.8849

■ 19.6083, 27.2230,
28.4691

■ 23.2939, 29.0628,
31.3598

■ 18.2411, 26.5468,
27.1090

■ 25.6502, 30.2460,
32.8929

■ 17.1623, 26.0184,
25.8040


■ 28.3716, 31.6165,
34.4862


■ 16.3471, 25.6251,
24.5524


■ 31.4739, 33.1824,
36.1407


■ 15.7663, 25.3516,
23.3526

■ 34.9717, 34.9512,
37.8574

 15.3605, 25.1665,
22.2440

 38.8791, 36.9302,
39.6374

 43.2093, 39.1262,
41.4817

 47.9751, 41.5457,
43.3911

 53.1884, 44.1949,
45.3666

Harmonies

Analogous

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



22.0627, 28.0571, 22.5080



21.2852, 28.0571, 29.8849



21.8573, 28.0571, 38.9301

Triad

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



21.2852, 28.0571, 29.8849



29.4524, 28.0571, 47.7314



29.8870, 28.0571, 18.5582

Complementary

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



21.2852, 28.0571, 29.8849



20.2795, 15.9590, 15.9227

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.



32.1360, 28.0571, 23.4671



21.2852, 28.0571, 29.8849



31.8721, 28.0571, 40.3088

Square

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



21.2852, 28.0571, 29.8849



26.4344, 28.0571, 50.3181



32.8881, 28.0571, 31.2237



26.9018, 28.0571, 16.7840

Rectangle

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



21.2852, 28.0571, 29.8849



22.9530, 28.0571, 44.5423



32.8881, 28.0571, 31.2237



30.7625, 28.0571, 19.8448

Sweetspot

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



21.2860, 28.0582, 29.8855



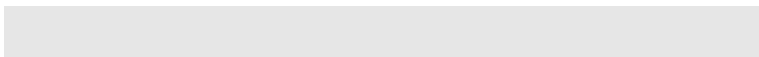
50.5614, 56.9346, 62.0896



20.0131, 27.7378, 14.6557



10.9932, 12.4613, 13.5868



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.2860, 28.0582, 29.8855



36.0143, 49.6420, 52.0685



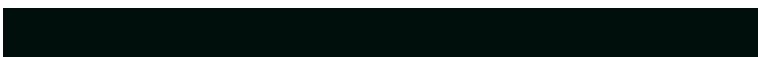
19.7775, 23.2517, 34.8994



6.7587, 7.4842, 8.1639



12.6652, 20.7340, 18.3916



0.2408, 0.3765, 0.4046

Inverse Universe

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



20.2795, 15.9590, 15.9227



33.9500, 24.7163, 23.3491



21.2414, 18.9679, 12.8982



6.6904, 6.6691, 7.2209



11.5502, 5.9247, 1.8826



0.2206, 0.1115, 0.1076

Previews

White Background



This preview shows how the XYZ color 21.2852, 28.0571, 29.8849 looks on a white background.

Color Contrast Check

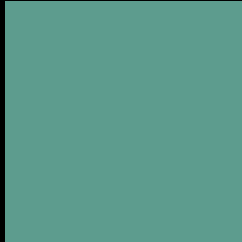
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2852, 28.0571, 29.8849 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

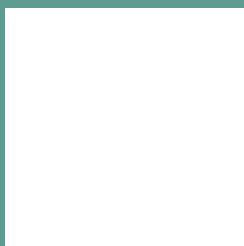
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2852, 28.0571, 29.8849

Background



This preview shows how black text looks on a background with the XYZ color 21.2852, 28.0571, 29.8849.



This preview shows how white text looks on a background with the XYZ color 21.2852, 28.0571,

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

21.2852, 28.0571, 29.8849

Protanopia

26.4084, 27.6901, 26.8745

Deuteranopia

28.3256, 27.7087, 31.0495



Tritanopia

23.3284, 28.1517, 39.8016

Trichromacy



Original Color

21.2852, 28.0571, 29.8849

Protanomaly

24.0794, 27.6040, 28.1037

Deuteranomaly

25.0677, 27.3635, 30.7485

Tritanomaly

22.5712, 28.0869, 36.1300

Monochromacy



Original Color

21.2852, 28.0571, 29.8849

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.1556, 25.4730, 27.7938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2852, 28.0571, 29.8849 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(93, 156, 142)` looks like.

```
.text, #text, p{  
    color:rgb(93, 156, 142)  
}
```

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(93, 156, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 156, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.2852, 28.0571, 29.8849 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(93, 156, 142) }
```


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

```
.border{ border-color:rgb(93, 156, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 156, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 156, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 156, 142);  
box-shadow:4px 4px 4px 4px rgb(93, 156,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2852, 28.0571, 29.8849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 156, 142) }
```

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

```
.background{ background-color: rgb(93, 156,  
142) }
```

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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