

Converting Colors

XYZ(21.3536, 28.1527, 29.6719)

Have a look what the booklet for
XYZ(21.3536, 28.1527, 29.6719)
contains.

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Color

**XYZ(21.3123, 28.0797,
29.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9C8D
RGB	94, 156, 141
RGB Percent	37%, 61%, 55%
CMY	0.6314, 0.3882, 0.4471
CMYK	0.40, 0.00, 0.10, 0.39
HSL	165°, 25%, 49%
HSV	165°, 40%, 61%
XYZ	21.3123, 28.0797, 29.4960
YIQ	135.7520, -32.1370, -17.8090

Conversions

Conversions Part 2

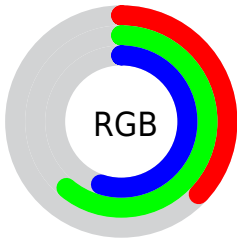
Format	Color
R_{YB}	94, 129, 156
Decimal	6200461
CIE _{Lab}	59.96, -23.65, 1.56
CIE _{LCh}	60, 23.706, 176.232
Yxy	28.0797, 0.2702, 0.3559
Android (android.graphics.Color)	4284390541 (0xFF5E9C8D)
YUV	135.7520, 2.5873, -36.6165
Hunter-Lab	52.9903, -20.9416, 4.0906

Details

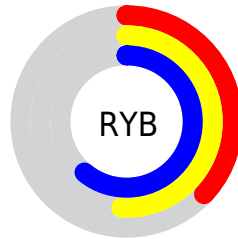
The XYZ color **21.3123, 28.0797, 29.4960** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4743, 16.1782, 16.5127**, and the grayscale version is **23.3089, 24.5228, 26.7053**.

A 20% lighter version of the original color is **45.1772, 56.7317, 60.1990**, and **7.7935, 11.1482, 11.6386** is the 20% darker color. If you saturate the color by 10%, you get **19.5955, 27.2273, 27.9749**, and if you desaturate by 10%, it is **23.3636, 29.1049, 31.0840**.

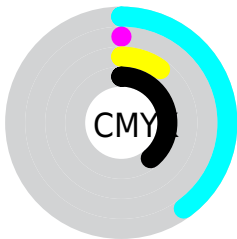
Distribution



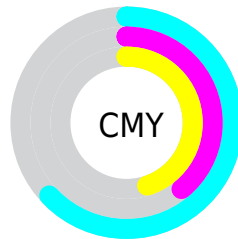
- Red (37%)
- Green (61%)
- Blue (55%)



- Red (37%)
- Yellow (51%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (63%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3123, 28.0797, 29.4960 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 21.3123, 28.0797, 29.4960 by changing the saturation by 10% instead.

■ 21.3123, 28.0797,
29.4960

■ 21.3123, 28.0797,
29.4960

251.6340,
292.8476, 313.6819

■ 13.4662, 18.3857,
19.2076

■ 45.0941, 56.6117,
59.9158

■ 7.8296, 11.2273,
11.6420

■ 61.7605, 76.2185,
80.8842

■ 4.0370, 6.2199,
6.3809

■ 82.0978, 99.8983,
106.2496

■ 1.7231, 2.9793,
3.0055

■ 106.4712,
128.0357, 136.4307

■ 0.4706, 1.1209,
1.0974

135.2462,
161.0149, 171.8459

■ 0.0000, 0.0000,
0.0000

168.7881,

199.2203, 212.9139

207.4622,
243.0364, 260.0530

■ 21.3123, 28.0797,
29.4960

■ 21.3123, 28.0797,
29.4960

■ 19.5955, 27.2273,
27.9749

■ 23.3636, 29.1049,
31.0840

■ 18.1912, 26.5341,
26.5172

■ 25.7650, 30.3088,
32.7382

■ 17.0782, 25.9901,
25.1222

■ 28.5342, 31.7010,
34.4606

■ 16.2319, 25.5825,
23.7882

■ 31.6867, 33.2898,
36.2523

■ 15.6235, 25.2964,
22.5133

■ 35.2372, 35.0826,
38.1146

■ 15.1850, 25.0969,
21.2938

■ 39.1997, 37.0867,
40.0484

■ 15.1742, 25.0920,
21.2631

■ 43.5875, 39.3088,
42.0549

■ 48.4132, 41.7555,
44.1352

■ 53.6889, 44.4330,
46.2902

Harmonies

Analogous

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



22.1541, 28.0797, 22.2434



21.3123, 28.0797, 29.4960



21.8194, 28.0797, 38.5151

Triad

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



21.3123, 28.0797, 29.4960



29.3341, 28.0797, 48.0151



30.0424, 28.0797, 18.7452

Complementary

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



21.3123, 28.0797, 29.4960



20.4743, 16.1782, 16.5127

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.



32.2339, 28.0797, 23.8071



21.3123, 28.0797, 29.4960



31.8038, 28.0797, 40.7614

Square

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



21.3123, 28.0797, 29.4960



26.3098, 28.0797, 50.3125



32.9013, 28.0797, 31.6780



27.0717, 28.0797, 16.8197

Rectangle

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



21.3123, 28.0797, 29.4960



22.8764, 28.0797, 44.1987



32.9013, 28.0797, 31.6780



30.9031, 28.0797, 20.0837

Sweetspot

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



21.3131, 28.0808, 29.4966



50.5056, 56.9123, 61.7958



20.2781, 27.8693, 14.9008



10.9798, 12.4560, 13.5162



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.



21.3131, 28.0808, 29.4966



35.8158, 49.5626, 51.0233



20.0690, 23.6836, 34.9674



6.7532, 7.4820, 8.1349



12.5125, 20.6729, 17.5876



0.2390, 0.3758, 0.3950

Inverse Universe

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



20.4743, 16.1782, 16.5127



34.0781, 24.7675, 24.0236



21.2537, 18.9212, 13.1222



6.6956, 6.6712, 7.2481



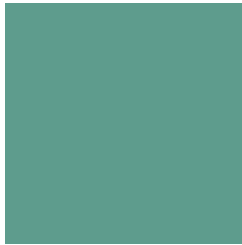
11.5899, 5.9405, 2.0912



0.2222, 0.1122, 0.1163

Previews

White Background



This preview shows how the XYZ color 21.3123, 28.0797, 29.4960 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 21.3123, 28.0797, 29.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

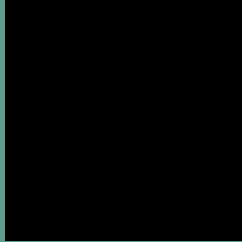
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

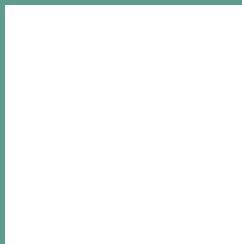
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3123, 28.0797, 29.4960

Background



This preview shows how black text looks on a background with the XYZ color 21.3123, 28.0797, 29.4960.

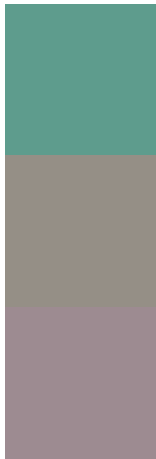


This preview shows how white text looks on a background with the XYZ color 21.3123, 28.0797,

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

21.3123, 28.0797, 29.4960

Protanopia

26.5200, 27.7557, 26.5139

Deuteranopia

28.2481, 27.6777, 30.6416



Tritanopia

23.4383, 28.2084, 39.8067

Trichromacy



Original Color

21.3123, 28.0797, 29.4960

Protanomaly

24.1585, 27.6531, 27.7312

Deuteranomaly

24.9910, 27.3327, 30.3441

Tritanomaly

22.5934, 28.1082, 35.6871

Monochromacy



Original Color

21.3123, 28.0797, 29.4960

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.2951, 25.5448, 27.8003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3123, 28.0797, 29.4960 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(94, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(94, 156, 141)  
}
```

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(94, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 156, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.3123, 28.0797, 29.4960 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(94, 156, 141) }
```


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

```
.border{ border-color:rgb(94, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(94, 156,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3123, 28.0797, 29.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 156, 141) }
```

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

```
.background{ background-color: rgb(94, 156,  
141) }
```

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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