

Converting Colors

XYZ(21.4038, 27.9347, 33.1079)

Have a look what the booklet for
XYZ(21.4038, 27.9347, 33.1079)
contains.

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Color

**XYZ(21.5133, 28.1028,
33.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	599C96
RGB	89, 156, 150
RGB Percent	35%, 61%, 59%
CMY	0.6510, 0.3882, 0.4118
CMYK	0.43, 0.00, 0.04, 0.39
HSL	175°, 27%, 48%
HSV	175°, 43%, 61%
XYZ	21.5133, 28.1028, 33.1447
YIQ	135.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

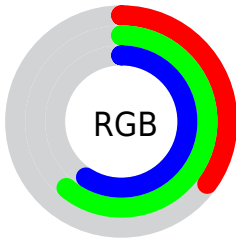
Format	Color
R_{YB}	89, 124, 156
Decimal	5872790
CIE _{Lab}	59.98, -22.79, -3.54
CIE _{LCh}	60, 23.065, 188.820
Yxy	28.1028, 0.2599, 0.3396
Android (android.graphics.Color)	4284062870 (0xFF599C96)
YUV	135.2830, 7.2555, -40.5902
Hunter-Lab	53.0121, -20.3325, 0.0386

Details

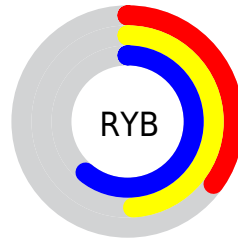
The XYZ color **21.5133, 28.1028, 33.1447** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3492, 15.0397, 12.7106**, and the grayscale version is **23.1189, 24.3229, 26.4876**.

A 20% lighter version of the original color is **45.5210, 56.7878, 65.6887**, and **7.8621, 11.1416, 13.5405** is the 20% darker color. If you saturate the color by 10%, you get **20.0604, 27.3674, 32.4933**, and if you desaturate by 10%, it is **23.2864, 29.0045, 33.8193**.

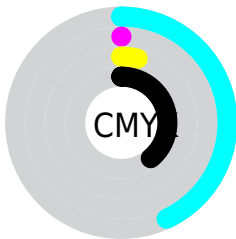
Distribution



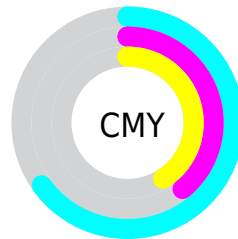
- Red (35%)
- Green (61%)
- Blue (59%)



- Red (35%)
- Yellow (49%)
- Blue (61%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5133, 28.1028, 33.1447 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 21.5133, 28.1028, 33.1447 by changing the saturation by 10% instead.

■ 21.5133, 28.1028,
33.1447

■ 21.5133, 28.1028,
33.1447

252.6744,
292.9578, 330.9532

■ 13.6143, 18.4032,
21.9653

■ 45.4251, 56.6485,
65.7200

■ 7.9328, 11.2398,
13.6333

■ 62.1687, 76.2634,
87.9530

■ 4.1034, 6.2284,
7.7303

■ 82.5911, 99.9522,
114.7075

■ 1.7608, 2.9844,
3.8375

■ 107.0578,
128.0992, 146.4022

■ 0.4939, 1.1236,
1.5367

135.9342,
161.0889, 183.4556

■ 0.0000, 0.0000,
0.2450

169.5855,

■ 0.0000, 0.0000,

199.3056, 226.2862

0.0000

208.3771,
243.1338, 275.3126

■ 21.5133, 28.1028,
33.1447

■ 21.5133, 28.1028,
33.1447

■ 20.0604, 27.3674,
32.4933

■ 23.2864, 29.0045,
33.8193

■ 18.9050, 26.7846,
31.8623

■ 25.3958, 30.0787,
34.5160

■ 18.0255, 26.3438,
31.2511

■ 27.8592, 31.3352,
35.2364

■ 17.3960, 26.0317,
30.6585

■ 30.6926, 32.7823,
35.9811

■ 16.9860, 25.8326,
30.0831

■ 33.9109, 34.4277,
36.7510

■ 16.7736, 25.7318,
29.6851

■ 37.5282, 36.2786,
37.5466

■ 41.5578, 38.3419,
38.3687

■ 46.0125, 40.6243,
39.2179

■ 50.9045, 43.1318,
40.0947

Harmonies

Analogous

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



21.7867, 28.1028, 25.1232



21.5133, 28.1028, 33.1447



22.5508, 28.1028, 41.8901

Triad

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



21.5133, 28.1028, 33.1447



30.4070, 28.1028, 44.9979



28.8022, 28.1028, 17.8675

Complementary

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



21.5133, 28.1028, 33.1447



19.3492, 15.0397, 12.7106

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.



31.3534, 28.1028, 21.5446



21.5133, 28.1028, 33.1447



32.3261, 28.1028, 36.8181

Square

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



21.5133, 28.1028, 33.1447



27.5855, 28.1028, 49.5102



32.6846, 28.1028, 28.1874



25.8549, 28.1028, 17.2456

Rectangle

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



21.5133, 28.1028, 33.1447



23.8943, 28.1028, 46.6140



32.6846, 28.1028, 28.1874



29.7405, 28.1028, 18.7500

Sweetspot

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



21.5141, 28.1039, 33.1454



50.4501, 56.8358, 63.9557



18.4848, 26.9699, 13.6832



10.8861, 12.3966, 14.0126



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.



21.5141, 28.1039, 33.1454



36.4149, 49.6954, 59.0054



17.9980, 20.2783, 34.4193



6.7962, 7.4992, 8.3615



13.8223, 21.1969, 24.4850



0.2539, 0.3817, 0.4733

Inverse Universe

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



19.3492, 15.0397, 12.7106



31.9382, 22.6282, 16.7110



21.7368, 20.2348, 12.2118



6.6560, 6.6553, 7.0396



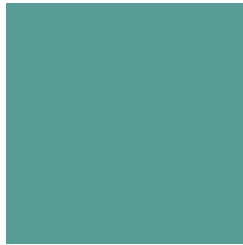
11.3644, 5.8503, 0.9040



0.2094, 0.1071, 0.0490

Previews

White Background



This preview shows how the XYZ color 21.5133, 28.1028, 33.1447 looks on a white background.

Color Contrast Check

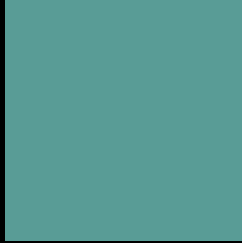
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5133, 28.1028, 33.1447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

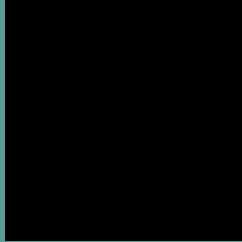
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5133, 28.1028, 33.1447

Background



This preview shows how black text looks on a background with the XYZ color 21.5133, 28.1028, 33.1447.

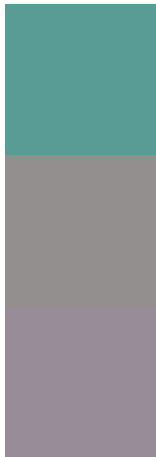


This preview shows how white text looks on a background with the XYZ color 21.5133, 28.1028,

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

21.5133, 28.1028, 33.1447

Protanopia

26.8130, 27.8311, 29.9453

Deuteranopia

28.2647, 27.8284, 34.0187



Tritanopia

23.0546, 28.2441, 40.3129

Trichromacy



Original Color

21.5133, 28.1028, 33.1447

Protanomaly

24.3824, 27.6908, 31.2539

Deuteranomaly

25.1523, 27.5706, 33.7018

Tritanomaly

22.4801, 28.2561, 37.5268

Monochromacy



Original Color

21.5133, 28.1028, 33.1447

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.0273, 25.3899, 28.5507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5133, 28.1028, 33.1447 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(89, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(89, 156, 150)  
}
```

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(89, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 156, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.5133, 28.1028, 33.1447 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(89, 156, 150) }
```


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

```
.border{ border-color:rgb(89, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(89, 156,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5133, 28.1028, 33.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 156, 150) }
```

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

```
.background{ background-color: rgb(89, 156,  
150) }
```

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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