

Converting Colors

XYZ(21.2430, 21.2863, 26.3265)

Have a look what the booklet for
XYZ(21.2430, 21.2863, 26.3265)
contains.

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Color

**XYZ(21.2933, 21.3503,
26.2913)**

Conversions

Conversions Part 1

Format	Color
Hex	847D88
RGB	132, 125, 136
RGB Percent	52%, 49%, 53%
CMY	0.4823, 0.5098, 0.4667
CMYK	0.03, 0.08, 0.00, 0.47
HSL	278°, 4%, 51%
HSV	278°, 8%, 53%
XYZ	21.2933, 21.3503, 26.2913
YIQ	128.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

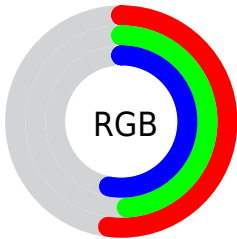
Format	Color
R_{YB}	132, 125, 136
Decimal	8682888
CIE _{Lab}	53.33, 4.83, -5.01
CIE _{LCh}	53, 6.958, 313.992
Yxy	21.3503, 0.3089, 0.3097
Android (android.graphics.Color)	4286872968 (0xFF847D88)
YUV	128.3470, 3.7729, 3.2037
Hunter-Lab	46.2064, 1.3970, -1.3914

Details

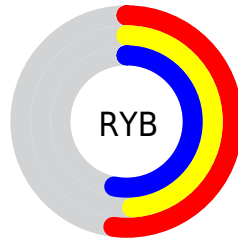
The XYZ color **21.2933, 21.3503, 26.2913** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5598, 23.7566, 22.8522**, and the grayscale version is **20.6260, 21.7001, 23.6314**.

A 20% lighter version of the original color is **45.1133, 45.8292, 54.6123**, and **7.8314, 7.6798, 9.8737** is the 20% darker color. If you saturate the color by 10%, you get **18.9332, 17.7509, 25.7213**, and if you desaturate by 10%, it is **23.9271, 25.4420, 26.9426**.

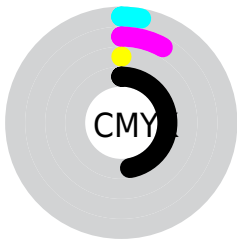
Distribution



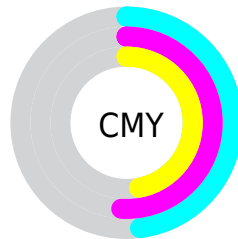
- Red (52%)
- Green (49%)
- Blue (53%)



- Red (52%)
- Yellow (49%)
- Blue (53%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2933, 21.3503, 26.2913 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 21.2933, 21.3503, 26.2913 by changing the saturation by 10% instead.

■ 21.2933, 21.3503,
26.2913

■ 21.2933, 21.3503,
26.2913

251.5355,
259.1343, 297.8600

■ 13.4522, 13.3803,
16.8140

■ 45.0628, 45.6698,
54.7344

■ 7.8198, 7.6909,
9.9414

■ 61.7219, 62.7881,
74.5372

■ 4.0307, 3.8978,
5.2550

■ 82.0511, 83.7246,
98.6189

■ 1.7195, 1.6166,
2.3363

106.4157,
108.8638, 127.3980

■ 0.4684, 0.3687,
0.7515

135.1811,
138.5899, 161.2932

■ 0.0000, 0.0000,
0.0000

168.7126,

173.2874, 200.7229

207.3756,
213.3408, 246.1056

■ 21.2933, 21.3503,
26.2913

■ 21.2933, 21.3503,
26.2913

■ 18.9332, 17.7509,
25.7213

■ 23.9271, 25.4420,
26.9426

■ 16.8349, 14.6217,
25.2279

■ 26.8422, 30.0414,
27.6767

■ 14.9883, 11.9430,
24.8081

■ 30.0482, 35.1667,
28.4970

■ 13.3820, 9.6928,
24.4585

■ 33.5536, 40.8343,
29.4062

■ 12.0035, 7.8468,
24.1748

■ 37.3667, 47.0600,
30.4069

■ 10.8392, 6.3787,
23.9528

■ 41.4954, 53.8588,
31.5016

■ 9.8738, 5.2586,
23.7875

■ 45.9471, 61.2452,
32.6927

■ 9.0896, 4.4520,
23.6731

■ 50.7294, 69.2332,
33.9825

■ 8.4486, 3.8840,
23.5973

■ 55.8491, 77.8363,
35.3732

Harmonies

Analogous

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



20.6375, 21.3503, 27.4124



21.2933, 21.3503, 26.2913



21.6860, 21.3503, 24.3844

Triad

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



21.2933, 21.3503, 26.2913



20.6862, 21.3503, 19.5591



18.9483, 21.3503, 24.2422

Complementary

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



21.2933, 21.3503, 26.2913



21.5598, 23.7566, 22.8522

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.



18.9606, 21.3503, 22.1453



21.2933, 21.3503, 26.2913



19.9520, 21.3503, 19.5262

Square

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



21.2933, 21.3503, 26.2913



21.3297, 21.3503, 20.5398



19.3242, 21.3503, 20.4470



19.2901, 21.3503, 26.1818

Rectangle

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



21.2933, 21.3503, 26.2913



21.7399, 21.3503, 22.9654



19.3242, 21.3503, 20.4470



18.9114, 21.3503, 23.5306

Sweetspot

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



21.2939, 21.3512, 26.2918



40.2715, 41.8778, 47.0091



20.7568, 21.8477, 26.4159



9.3413, 9.7216, 10.8904



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.2939, 21.3512, 26.2918



36.5998, 36.2038, 46.1074



21.8279, 21.6385, 25.7764



5.0604, 5.0396, 6.3119



7.8963, 3.5848, 22.3214



0.0686, 0.0321, 0.1490

Inverse Universe

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



21.4501, 21.4873, 23.7866



36.9498, 36.5069, 40.5789



21.0584, 23.4873, 23.3214



5.1032, 5.0767, 5.6317



10.1479, 5.1693, 3.2831



0.0740, 0.0370, 0.0565

Previews

White Background



This preview shows how the XYZ color 21.2933, 21.3503, 26.2913 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 21.2933, 21.3503, 26.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

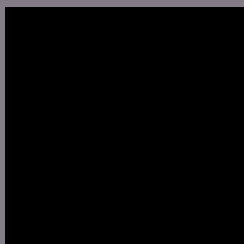
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

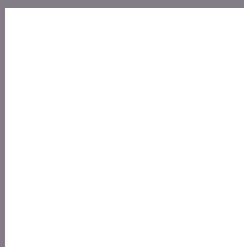
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2933, 21.3503, 26.2913

Background



This preview shows how black text looks on a background with the XYZ color 21.2933, 21.3503, 26.2913.

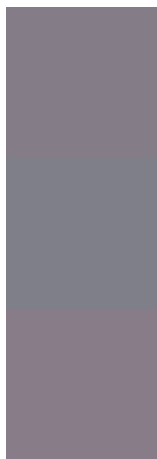


This preview shows how white text looks on a background with the XYZ color 21.2933, 21.3503,

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

21.2933, 21.3503, 26.2913

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

21.8049, 21.4271, 26.2792



Tritanopia

21.2225, 21.3220, 25.9187

Trichromacy



Original Color

21.2933, 21.3503, 26.2913

Protanomaly

21.0295, 21.3950, 26.6882

Deuteranomaly

21.6433, 21.3438, 26.2716

Tritanomaly

21.2225, 21.3220, 25.9187

Monochromacy



Original Color

21.2933, 21.3503, 26.2913

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.7394, 21.4846, 24.5266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2933, 21.3503, 26.2913 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(132, 125, 136)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 136)  
}
```

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(132, 125, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.2933, 21.3503, 26.2913 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(132, 125, 136) }
```


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

```
.border{ border-color:rgb(132, 125, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 125, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 136);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2933, 21.3503, 26.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 136) }
```

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

```
.background{ background-color: rgb(132,  
125, 136) }
```

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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