

Converting Colors

XYZ(21.4835, 21.4079, 26.2240)

Have a look what the booklet for
XYZ(21.4835, 21.4079, 26.2240)
contains.

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Color

**XYZ(21.4504, 21.4314,
26.2987)**

Conversions

Conversions Part 1

Format	Color
Hex	857D88
RGB	133, 125, 136
RGB Percent	52%, 49%, 53%
CMY	0.4784, 0.5098, 0.4667
CMYK	0.02, 0.08, 0.00, 0.47
HSL	284°, 4%, 51%
HSV	284°, 8%, 53%
XYZ	21.4504, 21.4314, 26.2987
YIQ	128.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

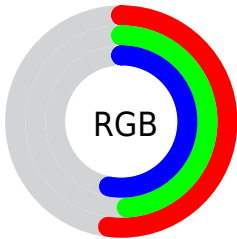
Format	Color
R _Y B	133, 125, 136
Decimal	8748424
CIE Lab	53.42, 5.20, -4.87
CIE LCh	53, 7.122, 316.897
Yxy	21.4314, 0.3101, 0.3098
Android (android.graphics.Color)	4286938504 (0xFF857D88)
YUV	128.6460, 3.6255, 3.8185
Hunter-Lab	46.2941, 1.6936, -1.2756

Details

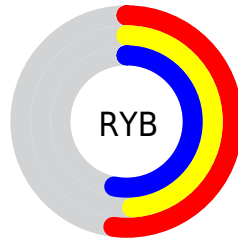
The XYZ color **21.4504, 21.4314, 26.2987** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4089, 23.6788, 22.8453**, and the grayscale version is **20.7305, 21.8101, 23.7512**.

A 20% lighter version of the original color is **45.3554, 45.9540, 54.6236**, and **7.9203, 7.7256, 9.8778** is the 20% darker color. If you saturate the color by 10%, you get **19.2700, 17.9246, 25.7371**, and if you desaturate by 10%, it is **23.8885, 25.4222, 26.9408**.

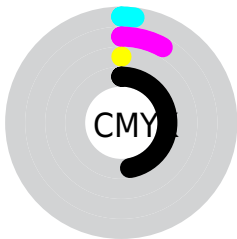
Distribution



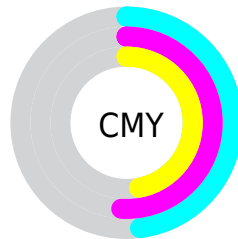
- Red (52%)
- Green (49%)
- Blue (53%)



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



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4504, 21.4314, 26.2987 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 21.4504, 21.4314, 26.2987 by changing the saturation by 10% instead.

■ 21.4504, 21.4314,
26.2987

■ 21.4504, 21.4314,
26.2987

252.3492,
259.5623, 297.8973

■ 13.5680, 13.4397,
16.8195

■ 45.3216, 45.8044,
54.7464

■ 7.9005, 7.7320,
9.9453

■ 62.0410, 62.9545,
74.5520

■ 4.0826, 3.9240,
5.2576

■ 82.4369, 83.9262,
98.6367

■ 1.7490, 1.6311,
2.3378

106.8744,
109.1039, 127.4192

■ 0.4866, 0.3784,
0.7523

135.7191,
138.8719, 161.3180

■ 0.0000, 0.0000,
0.0000

169.3362,

173.6148, 200.7516

208.0911,
213.7168, 246.1385

■ 21.4504, 21.4314,
26.2987

■ 21.4504, 21.4314,
26.2987

■ 19.2700, 17.9246,
25.7371

■ 23.8885, 25.4222,
26.9408

■ 17.3356, 14.8799,
25.2513

■ 26.5917, 29.9124,
27.6650

■ 15.6377, 12.2779,
24.8386

■ 29.5692, 34.9199,
28.4747

■ 14.1649, 10.0964,
24.4951

■ 32.8294, 40.4612,
29.3724

■ 12.9052, 8.3117,
24.2170

■ 36.3802, 46.5516,
30.3608

■ 11.8452, 6.8973,
23.9999

■ 40.2292, 53.2063,
31.4424

■ 10.9700, 5.8237,
23.8388

■ 44.3837, 60.4395,
32.6196

■ 10.2623, 5.0566,
23.7280

■ 48.8508, 68.2651,
33.8947

■ 9.6844, 4.5211,
23.6551

■ 53.6373, 76.6964,
35.2698

Harmonies

Analogous

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



20.7956, 21.4314, 27.5520



21.4504, 21.4314, 26.2987



21.8196, 21.4314, 24.2922

Triad

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



21.4504, 21.4314, 26.2987



20.7014, 21.4314, 19.5087



19.0097, 21.4314, 24.5669

Complementary

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



21.4504, 21.4314, 26.2987



21.4089, 23.6788, 22.8453

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.



18.9859, 21.4314, 22.4036



21.4504, 21.4314, 26.2987



19.9501, 21.4314, 19.5722

Square

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



21.4504, 21.4314, 26.2987



21.3800, 21.4314, 20.4241



19.3263, 21.4314, 20.6030



19.3921, 21.4314, 26.5105

Rectangle

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



21.4504, 21.4314, 26.2987



21.8482, 21.4314, 22.8385



19.3263, 21.4314, 20.6030



18.9598, 21.4314, 23.8390

Sweetspot

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



21.4510, 21.4323, 26.2992



40.3432, 41.9148, 47.0124



20.6367, 21.6074, 26.3759



9.3568, 9.7295, 10.8912



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.



21.4510, 21.4323, 26.2992



36.9462, 36.3824, 46.1236



21.7640, 21.6130, 25.4395



5.1030, 5.0615, 6.3139



9.0746, 4.1923, 22.3766



0.0744, 0.0351, 0.1493

Inverse Universe

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



21.3841, 21.4611, 23.4388



36.8055, 36.4492, 39.8189



21.1183, 23.5112, 23.6360



5.0853, 5.0696, 5.5377



9.9310, 5.0825, 2.1408



0.0715, 0.0360, 0.0431

Previews

White Background



This preview shows how the XYZ color 21.4504, 21.4314, 26.2987 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 21.4504, 21.4314, 26.2987 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 21.4504, 21.4314, 26.2987

Background



This preview shows how black text looks on a background with the XYZ color 21.4504, 21.4314, 26.2987.

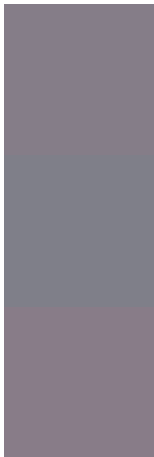


This preview shows how white text looks on a background with the XYZ color 21.4504, 21.4314,

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

21.4504, 21.4314, 26.2987

Protanopia

20.8571, 21.4969, 26.7169

Deuteranopia

21.8049, 21.4271, 26.2792



Tritanopia

21.3797, 21.4030, 25.9260

Trichromacy



Original Color

21.4504, 21.4314, 26.2987

Protanomaly

21.0295, 21.3950, 26.6882

Deuteranomaly

21.6433, 21.3438, 26.2716

Tritanomaly

21.3797, 21.4030, 25.9260

Monochromacy



Original Color

21.4504, 21.4314, 26.2987

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.0900, 21.8501, 24.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4504, 21.4314, 26.2987 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(133, 125, 136)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 125, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 125, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.4504, 21.4314, 26.2987 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(133, 125, 136) }
```


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

```
.border{ border-color:rgb(133, 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(133, 125, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 125, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 125, 136);  
box-shadow:4px 4px 4px 4px rgb(133, 125,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4504, 21.4314, 26.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 125, 136) }
```

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

```
.background{ background-color: rgb(133,  
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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