

Converting Colors

XYZ(21.9042, 21.2389, 25.2253)

Have a look what the booklet for
XYZ(21.9042, 21.2389, 25.2253)
contains.

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Color

**XYZ(21.9641, 21.3483,
25.1533)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7B85
RGB	139, 123, 133
RGB Percent	55%, 48%, 52%
CMY	0.4549, 0.5176, 0.4784
CMYK	0.00, 0.12, 0.04, 0.45
HSL	323°, 6%, 51%
HSV	323°, 12%, 55%
XYZ	21.9641, 21.3483, 25.1533
YIQ	128.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

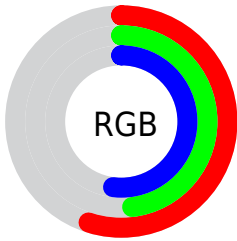
Format	Color
R_{YB}	139, 123, 133
Decimal	9141125
CIE Lab	53.33, 8.00, -3.19
CIE LCh	53, 8.609, 338.280
Yxy	21.3483, 0.3208, 0.3118
Android (android.graphics.Color)	4287331205 (0xFF8B7B85)
YUV	128.9240, 2.0095, 8.8367
Hunter-Lab	46.2042, 3.9962, 0.0658

Details

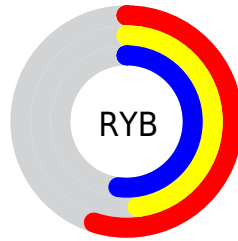
The XYZ color **21.9641, 21.3483, 25.1533** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3643, 24.2619, 24.3271**, and the grayscale version is **20.8318, 21.9166, 23.8672**.

A 20% lighter version of the original color is **46.1852, 45.5426, 52.8107**, and **8.1688, 7.6615, 9.4358** is the 20% darker color. If you saturate the color by 10%, you get **20.0096, 18.0012, 22.7687**, and if you desaturate by 10%, it is **24.1826, 25.1941, 27.7146**.

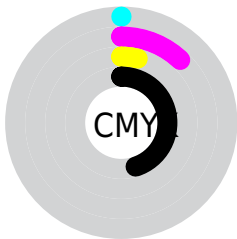
Distribution



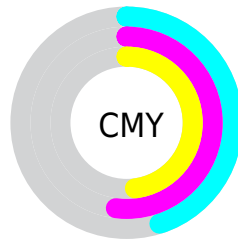
- Red (55%)
- Green (48%)
- Blue (52%)



- Red (55%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9641, 21.3483, 25.1533 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 21.9641, 21.3483, 25.1533 by changing the saturation by 10% instead.

■ 21.9641, 21.3483,
25.1533

■ 21.9641, 21.3483,
25.1533

254.9946,
259.1238, 292.0726

■ 13.9470, 13.3788,
15.9712

■ 46.1659, 45.6665,
52.8730

■ 8.1653, 7.6899,
9.3497

■ 63.0814, 62.7840,
72.2478

■ 4.2536, 3.8972,
4.8700

■ 83.6936, 83.7196,
95.8571

■ 1.8466, 1.6162,
2.1138

108.3681,
108.8578, 124.1197

■ 0.5455, 0.3685,
0.6240

137.4700,
138.5829, 157.4540

■ 0.0000, 0.0000,
0.0000

171.3649,

173.2794, 196.2785

210.4180,
213.3315, 241.0119

■ 21.9641, 21.3483,
25.1533

■ 21.9641, 21.3483,
25.1533

■ 20.0096, 18.0012,
22.7687

■ 24.1826, 25.1941,
27.7146

■ 18.3067, 15.1295,
20.5547

■ 26.6731, 29.5552,
30.4558

■ 16.8448, 12.7119,
18.5067

■ 29.4456, 34.4510,
33.3816

■ 15.6117, 10.7245,
16.6193

■ 32.5091, 39.8989,
36.4964

■ 14.5941, 9.1415,
14.8868

■ 35.8721, 45.9155,
39.8040

■ 13.7775, 7.9337,
13.3028

■ 39.5427, 52.5169,
43.3083

■ 13.1452, 7.0686,
11.8605

■ 43.5288, 59.7184,
47.0130

■ 12.6777, 6.5076,
10.5518

■ 47.8379, 67.5347,
50.9219

■ 12.3625, 6.1750,
9.5285

■ 52.4775, 75.9801,
55.0384

Harmonies

Analogous

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



21.3968, 21.3483, 27.4143



21.9641, 21.3483, 25.1533



22.0763, 21.3483, 22.5288

Triad

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



21.9641, 21.3483, 25.1533



20.0394, 21.3483, 18.6204



18.9452, 21.3483, 26.4970

Complementary

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



21.9641, 21.3483, 25.1533



21.3643, 24.2619, 24.3271

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.



18.6045, 21.3483, 23.9755



21.9641, 21.3483, 25.1533



19.2238, 21.3483, 19.5208

Square

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



21.9641, 21.3483, 25.1533



20.9468, 21.3483, 18.8840



18.7049, 21.3483, 21.4351



19.6488, 21.3483, 28.2297

Rectangle

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



21.9641, 21.3483, 25.1533



21.8748, 21.3483, 20.9454



18.7049, 21.3483, 21.4351



18.7854, 21.3483, 25.7063

Sweetspot

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



21.9647, 21.3492, 25.1538



42.6564, 43.9863, 48.8966



20.7770, 20.6877, 27.3247



9.7574, 10.0109, 11.1855



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.9647, 21.3492, 25.1538



38.3090, 36.4682, 43.8200



21.4414, 21.1399, 22.3980



5.1556, 5.0977, 5.9079



11.1660, 5.5765, 8.6443



0.0813, 0.0399, 0.0949

Inverse Universe

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



21.9647, 21.3492, 25.1538



38.3090, 36.4682, 43.8200



21.9075, 24.4792, 27.1877



5.1556, 5.0977, 5.9079



11.1660, 5.5765, 8.6443



0.0813, 0.0399, 0.0949

Previews

White Background



This preview shows how the XYZ color 21.9641, 21.3483, 25.1533 looks on a white background.

Color Contrast Check

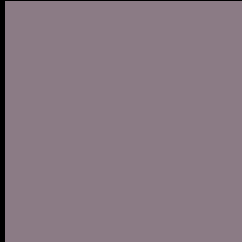
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9641, 21.3483, 25.1533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

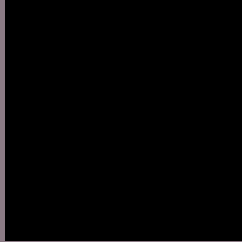
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.9641, 21.3483, 25.1533

Background



This preview shows how black text looks on a background with the XYZ color 21.9641, 21.3483, 25.1533.



This preview shows how white text looks on a background with the XYZ color 21.9641, 21.3483,

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

21.9641, 21.3483, 25.1533

Protanopia

20.7149, 21.4400, 25.9682

Deuteranopia

21.7578, 21.4271, 25.1794



Tritanopia

21.9641, 21.3483, 25.1533

Trichromacy



Original Color

21.9641, 21.3483, 25.1533

Protanomaly

21.1240, 21.4682, 25.5847

Deuteranomaly

21.9225, 21.5120, 25.1871

Tritanomaly

21.9641, 21.3483, 25.1533

Monochromacy



Original Color

21.9641, 21.3483, 25.1533

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2915, 21.7770, 24.2003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9641, 21.3483, 25.1533 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(139, 123, 133)` looks like.

```
.text, #text, p{  
    color:rgb(139, 123, 133)  
}
```

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(139, 123, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 123, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.9641, 21.3483, 25.1533 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(139, 123, 133) }
```


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

```
.border{ border-color:rgb(139, 123, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 123, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 123, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 123, 133);  
box-shadow:4px 4px 4px 4px rgb(139, 123,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9641, 21.3483, 25.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 123, 133) }
```

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

```
.background{ background-color: rgb(139,  
123, 133) }
```

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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