

Converting Colors

XYZ(21.4875, 23.0039, 25.9439)

Have a look what the booklet for
XYZ(21.4875, 23.0039, 25.9439)
contains.

XYZ(21.4430, 23.0083, 25.8651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.4430, 23.0083,
25.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8586
RGB	127, 133, 134
RGB Percent	50%, 52%, 53%
CMY	0.5020, 0.4784, 0.4745
CMYK	0.05, 0.01, 0.00, 0.47
HSL	189°, 3%, 51%
HSV	189°, 5%, 53%
XYZ	21.4430, 23.0083, 25.8651
YIQ	131.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

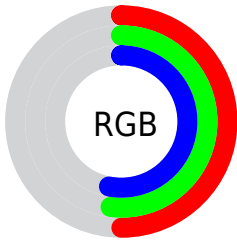
Format	Color
R_{YB}	127, 130, 134
Decimal	8357254
CIE _{Lab}	55.08, -2.00, -1.31
CIE _{LCh}	55, 2.393, 213.242
Yxy	23.0083, 0.3050, 0.3272
Android (android.graphics.Color)	4286547334 (0xFF7F8586)
YUV	131.3200, 1.3212, -3.7886
Hunter-Lab	47.9670, -4.1461, 1.6061

Details

The XYZ color **21.4430, 23.0083, 25.8651** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3815, 22.0388, 23.2060**, and the grayscale version is **21.6848, 22.8141, 24.8445**.

A 20% lighter version of the original color is **45.3509, 48.4090, 53.9673**, and **7.9124, 8.6004, 9.6305** is the 20% darker color. If you saturate the color by 10%, you get **19.3196, 21.5296, 25.6919**, and if you desaturate by 10%, it is **23.8380, 24.6354, 26.0533**.

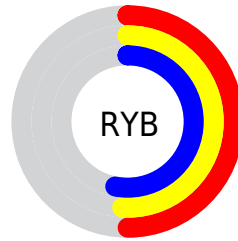
Distribution



Red (50%)

Green (52%)

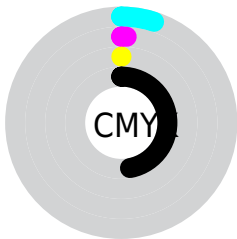
Blue (53%)



Red (50%)

Yellow (51%)

Blue (53%)

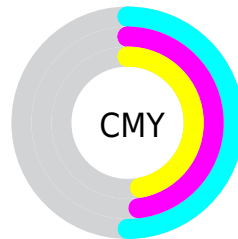


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (47%)



Cyan (50%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4430, 23.0083, 25.8651 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 21.4430, 23.0083, 25.8651 by changing the saturation by 10% instead.

■ 21.4430, 23.0083,
25.8651

■ 21.4430, 23.0083,
25.8651

252.3109,
267.7676, 295.7036

■ 13.5625, 14.5996,
16.4979

■ 45.3094, 48.4070,
54.0386

■ 7.8967, 8.5389,
9.7190

■ 62.0260, 66.1657,
73.6821

■ 4.0802, 4.4417,
5.1099

■ 82.4187, 87.8100,
97.5880

■ 1.7476, 1.9236,
2.2520

106.8528,
113.7242, 126.1749

■ 0.4858, 0.5625,
0.7041

135.6938,
144.2926, 159.8614

■ 0.0000, 0.0000,
0.0000

169.3069,

179.8998, 199.0660

208.0575,
220.9300, 244.2072

■ 21.4430, 23.0083,
25.8651

■ 21.4430, 23.0083,
25.8651

■ 19.3196, 21.5296,
25.6919

■ 23.8380, 24.6354,
26.0533

■ 17.4553, 20.1908,
25.5318

■ 26.5123, 26.4129,
26.2554

■ 15.8397, 18.9872,
25.3846

■ 29.4761, 28.3468,
26.4725

■ 14.4609, 17.9127,
25.2499

■ 32.7383, 30.4417,
26.7049

■ 13.3059, 16.9604,
25.1270

■ 36.3072, 32.7019,
26.9531

■ 12.3606, 16.1231,
25.0152

■ 40.1913, 35.1318,
27.2174

■ 11.6091, 15.3926,
24.9138

■ 44.3982, 37.7355,
27.4982

■ 11.0334, 14.7595,
24.8219

■ 48.9356, 40.5168,
27.7959

■ 10.6070, 14.2101,
24.7384

■ 53.8108, 43.4796,
28.1108

Harmonies

Analogous

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



21.3612, 23.0083, 25.1352



21.4430, 23.0083, 25.8651



21.6388, 23.0083, 26.3853

Triad

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



21.4430, 23.0083, 25.8651



22.3294, 23.0083, 25.7185



21.8397, 23.0083, 23.6156

Complementary

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



21.4430, 23.0083, 25.8651



21.3815, 22.0388, 23.2060

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.



22.1002, 23.0083, 23.7647



21.4430, 23.0083, 25.8651



22.3842, 23.0083, 24.9692

Square

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



21.4430, 23.0083, 25.8651



22.1508, 23.0083, 26.2994



22.3000, 23.0083, 24.2564



21.5890, 23.0083, 23.8449

Rectangle

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



21.4430, 23.0083, 25.8651



21.8085, 23.0083, 26.5376



22.3000, 23.0083, 24.2564



21.9290, 23.0083, 23.6231

Sweetspot

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



21.4437, 23.0093, 25.8656



39.0700, 41.4221, 45.6745



21.1698, 23.1193, 23.7462



8.8154, 9.3411, 10.2911



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



21.4437, 23.0093, 25.8656



37.4218, 40.2922, 45.5432



20.9810, 22.0839, 25.7114



4.8847, 5.2644, 5.9594



9.7731, 13.0941, 23.1490



0.0377, 0.0531, 0.0815

Inverse Universe

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



21.6550, 21.9410, 25.2851



37.8571, 38.0982, 44.3464



21.8372, 22.9503, 23.3580



4.9439, 4.9661, 5.7965



12.1111, 5.9088, 15.6894



0.0439, 0.0212, 0.0646

Previews

White Background



This preview shows how the XYZ color 21.4430, 23.0083, 25.8651 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 21.4430, 23.0083, 25.8651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

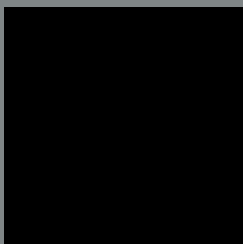
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

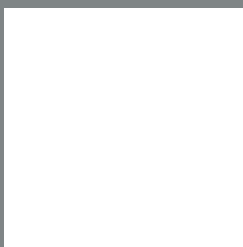
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4430, 23.0083, 25.8651

Background



This preview shows how black text looks on a background with the XYZ color 21.4430, 23.0083, 25.8651.



This preview shows how white text looks on a background with the XYZ color 21.4430, 23.0083,

25.8651.

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

21.4430, 23.0083, 25.8651

Protanopia

22.1815, 22.9944, 25.4596

Deuteranopia

23.4200, 23.0273, 26.1320



Tritanopia

22.0358, 23.0447, 28.8778

Trichromacy



Original Color

21.4430, 23.0083, 25.8651

Protanomaly

21.8450, 23.0213, 25.4825

Deuteranomaly

22.6723, 23.0329, 26.1725

Tritanomaly

21.8136, 22.9558, 27.7073

Monochromacy



Original Color

21.4430, 23.0083, 25.8651

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.6220, 22.9143, 25.1131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4430, 23.0083, 25.8651 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(127, 133, 134)` looks like.

```
.text, #text, p{  
    color:rgb(127, 133, 134)  
}
```

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(127, 133, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 133, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.4430, 23.0083, 25.8651 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(127, 133, 134) }
```


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

```
.border{ border-color:rgb(127, 133, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 133, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 133, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 133, 134);  
box-shadow:4px 4px 4px 4px rgb(127, 133,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4430, 23.0083, 25.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 133, 134) }
```

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

```
.background{ background-color: rgb(127,  
133, 134) }
```

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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