

Converting Colors

XYZ(21.3605, 23.7248, 11.4355)

Have a look what the booklet for
XYZ(21.3605, 23.7248, 11.4355)
contains.

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Color

**XYZ(21.3423, 23.6879,
11.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8752
RGB	142, 135, 82
RGB Percent	56%, 53%, 32%
CMY	0.4431, 0.4706, 0.6784
CMYK	0.00, 0.05, 0.42, 0.44
HSL	53°, 27%, 44%
HSV	53°, 42%, 56%
XYZ	21.3423, 23.6879, 11.4300
YIQ	131.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

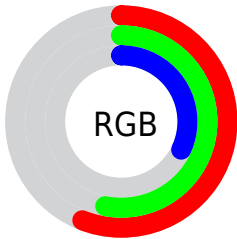
Format	Color
RYB	90, 142, 82
Decimal	9340754
CIELab	55.77, -5.47, 29.40
CIELCh	56, 29.905, 100.531
Yxy	23.6879, 0.3780, 0.4196
Android (android.graphics.Color)	4287530834 (0xFF8E8752)
YUV	131.0510, -24.1821, 9.6023
Hunter-Lab	48.6702, -6.8991, 20.1451

Details

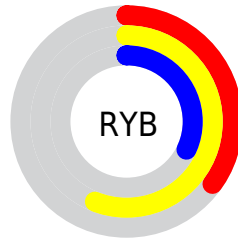
The XYZ color **21.3423, 23.6879, 11.4300** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.9345, 10.8913, 27.0644**, and the grayscale version is **21.6705, 22.7990, 24.8281**.

A 20% lighter version of the original color is **45.1740, 49.5027, 29.0038**, and **7.8476, 8.9506, 2.9041** is the 20% darker color. If you saturate the color by 10%, you get **20.6279, 23.0362, 8.7964**, and if you desaturate by 10%, it is **22.1733, 24.3937, 14.6548**.

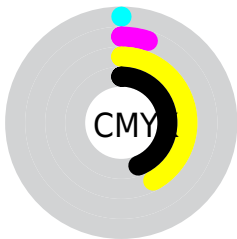
Distribution



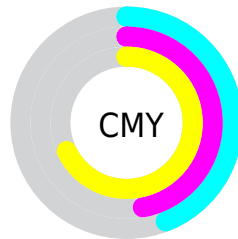
- Red (56%)
- Green (53%)
- Blue (32%)



- Red (35%)
- Yellow (56%)
- Blue (32%)



- Cyan (0%)
- Magenta (5%)
- Yellow (42%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3423, 23.6879, 11.4300 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 21.3423, 23.6879, 11.4300 by changing the saturation by 10% instead.

■ 21.3423, 23.6879,
11.4300

■ 21.3423, 23.6879,
11.4300

251.7895,
271.2388, 211.4365

■ 13.4883, 15.1023,
6.2390

■ 45.1435, 49.5204,
29.1013

■ 7.8450, 8.8912,
2.9198

■ 61.8215, 67.5361,
42.4188

■ 4.0469, 4.6703,
1.0539

■ 82.1715, 89.4639,
59.2821

■ 1.7287, 2.0551,
0.0000

■ 106.5589,
115.6882, 80.1099

■ 0.4741, 0.6392,
0.0000

■ 135.3490,
146.5935, 105.3208

■ 0.0000, 0.0000,
0.0000

168.9073,

182.5641, 135.3331

207.5990,
223.9844, 170.5655

■ 21.3423, 23.6879,
11.4300

■ 21.3423, 23.6879,
11.4300

■ 20.6279, 23.0362,
8.7964

■ 22.1733, 24.3937,
14.6548

■ 20.0214, 22.4325,
6.7158

■ 23.1255, 25.1529,
18.5029

■ 19.5157, 21.8748,
5.1482

■ 24.2055, 25.9691,
23.0056

■ 19.1019, 21.3596,
4.0472

■ 25.4187, 26.8443,
28.1919

■ 18.7696, 20.8826,
3.3581

■ 26.7702, 27.7807,
34.0890

■ 18.5450, 20.5301,
2.9853

■ 28.2651, 28.7804,
40.7224

■ 29.9079, 29.8451,
48.1168

■ 31.7031, 30.9767,
56.2953

■ 33.6549, 32.1769,
65.2802

Harmonies

Analogous

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



24.7617, 23.6879, 11.8740



21.3423, 23.6879, 11.4300



18.5326, 23.6879, 14.0304

Triad

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



21.3423, 23.6879, 11.4300



17.9078, 23.6879, 39.9521



29.2486, 23.6879, 32.5400

Complementary

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



21.3423, 23.6879, 11.4300



11.9345, 10.8913, 27.0644

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.



27.0298, 23.6879, 42.7748



21.3423, 23.6879, 11.4300



20.4078, 23.6879, 47.7439

Square

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



21.3423, 23.6879, 11.4300



16.6862, 23.6879, 29.3628



23.7291, 23.6879, 48.8901



29.5632, 23.6879, 22.5233

Rectangle

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



21.3423, 23.6879, 11.4300



17.2952, 23.6879, 17.6433



23.7291, 23.6879, 48.8901



28.6909, 23.6879, 36.1282

Sweetspot

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



21.3429, 23.6890, 11.4305



42.4798, 45.6430, 39.7060



15.9760, 12.5069, 11.0235



9.4007, 10.1295, 8.5016



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.



21.3429, 23.6890, 11.4305



36.3979, 40.6436, 15.5914



18.8039, 23.8772, 11.6006



5.7866, 6.1795, 5.7772



16.6592, 18.4501, 2.6832



0.1691, 0.1961, 0.0289

Inverse Universe

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



11.9345, 10.8913, 27.0644



17.4651, 14.9004, 47.0834



13.7257, 10.9911, 26.9893



5.1771, 5.3500, 6.7886



4.5655, 2.1170, 23.1451



0.0516, 0.0361, 0.2239

Previews

White Background



This preview shows how the XYZ color 21.3423, 23.6879, 11.4300 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 21.3423, 23.6879, 11.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

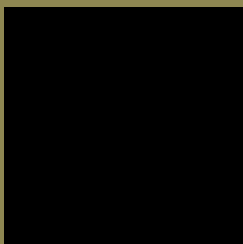
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

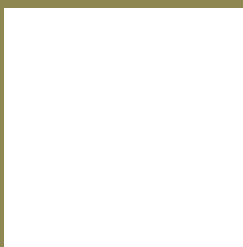
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3423, 23.6879, 11.4300

Background



This preview shows how black text looks on a background with the XYZ color 21.3423, 23.6879, 11.4300.



This preview shows how white text looks on a background with the XYZ color 21.3423, 23.6879,

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

21.3423, 23.6879, 11.4300

Protanopia

21.8644, 23.7553, 11.2174

Deuteranopia

24.0173, 23.6555, 11.6876



Tritanopia

24.5194, 23.5692, 27.3018

Trichromacy



Original Color

21.3423, 23.6879, 11.4300

Protanomaly

21.6874, 23.6640, 11.2091

Deuteranomaly

23.0041, 23.7272, 11.5510

Tritanomaly

23.2404, 23.6516, 20.4799

Monochromacy



Original Color

21.3423, 23.6879, 11.4300

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.2236, 22.8457, 18.9138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3423, 23.6879, 11.4300 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(142, 135, 82)` looks like.

```
.text, #text, p{  
    color:rgb(142, 135, 82)  
}
```

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(142, 135, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 135, 82) }
```

Border

The CSS property to change the border of an element to XYZ 21.3423, 23.6879, 11.4300 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(142, 135, 82) }
```


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

```
.border{ border-color:rgb(142, 135, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 135, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 135, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 135, 82);  
box-shadow:4px 4px 4px 4px rgb(142, 135,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3423, 23.6879, 11.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 135, 82) }
```

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

```
.background{ background-color: rgb(142,  
135, 82) }
```

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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