

Converting Colors

XYZ(23.4433, 26.5213, 20.8910)

Have a look what the booklet for
XYZ(23.4433, 26.5213, 20.8910)
contains.

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Color

**XYZ(23.3966, 26.4888,
21.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	889076
RGB	136, 144, 118
RGB Percent	53%, 56%, 46%
CMY	0.4667, 0.4353, 0.5373
CMYK	0.06, 0.00, 0.18, 0.44
HSL	78°, 10%, 51%
HSV	78°, 18%, 56%
XYZ	23.3966, 26.4888, 21.0192
YIQ	138.6440, 3.5780, -9.7820

Conversions

Conversions Part 2

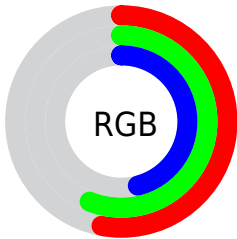
Format	Color
RYB	118, 144, 126
Decimal	8949878
CIELab	58.50, -7.75, 12.86
CIElCh	58, 15.014, 121.096
Yxy	26.4888, 0.3300, 0.3736
Android (android.graphics.Color)	4287139958 (0xFF889076)
YUV	138.6440, -10.1775, -2.3188
Hunter-Lab	51.4673, -8.9231, 11.8131

Details

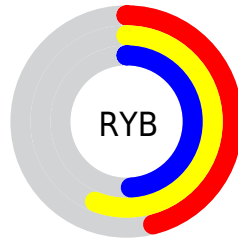
The XYZ color **23.3966, 26.4888, 21.0192** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.1177, 19.4068, 29.0726**, and the grayscale version is **24.4413, 25.7141, 28.0027**.

A 20% lighter version of the original color is **48.4360, 54.1093, 45.9215**, and **8.9459, 10.4260, 7.3353** is the 20% darker color. If you saturate the color by 10%, you get **21.9006, 25.8098, 16.8181**, and if you desaturate by 10%, it is **25.0545, 27.2377, 25.9110**.

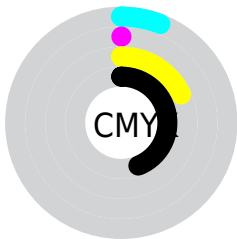
Distribution



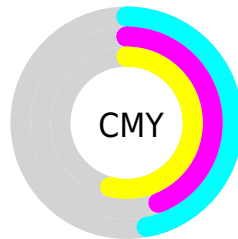
- Red (53%)
- Green (56%)
- Blue (46%)



- Red (46%)
- Yellow (56%)
- Blue (49%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3966, 26.4888, 21.0192 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 23.3966, 26.4888, 21.0192 by changing the saturation by 10% instead.

■ 23.3966, 26.4888,
21.0192

■ 23.3966, 26.4888,
21.0192

262.2530,
285.1734, 270.1649

■ 15.0089, 17.1897,
12.9467

■ 48.5056, 54.0625,
46.0007

■ 8.9120, 10.3698,
7.2615

■ 65.9577, 73.1058,
63.7467

■ 4.7405, 5.6448,
3.5453

■ 87.1619, 96.1659,
85.5543

■ 2.1290, 2.6303,
1.3794

112.4836,
123.6274, 111.8421

■ 0.7049, 0.9419,
0.1255

142.2882,
155.8744, 143.0284

■ 0.0000, 0.0000,
0.0000

176.9411,

193.2915, 179.5320

216.8076,
236.2630, 221.7713

■ 23.3966, 26.4888,
21.0192

■ 23.3966, 26.4888,
21.0192

■ 21.9006, 25.8098,
16.8181

■ 25.0545, 27.2377,
25.9110

■ 20.5580, 25.1948,
13.2749

■ 26.8780, 28.0555,
31.5209

■ 19.3630, 24.6420,
10.3566

■ 28.8734, 28.9456,
37.8770

■ 18.3081, 24.1487,
8.0268

■ 31.0460, 29.9101,
45.0053

■ 17.3854, 23.7115,
6.2452

■ 33.4008, 30.9510,
52.9306

■ 16.5859, 23.3268,
4.9664

■ 35.9427, 32.0704,
61.6765

■ 15.8992, 22.9904,
4.1381

■ 38.6761, 33.2702,
71.2657

■ 15.3048, 22.6941,
3.6541

■ 41.6057, 34.5521,
81.7201

■ 15.1941, 22.6388,
3.5689

■ 44.7357, 35.9179,
93.0605

Harmonies

Analogous

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



25.1093, 26.4888, 19.8655



23.3966, 26.4888, 21.0192



22.2101, 26.4888, 24.2243

Triad

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



23.3966, 26.4888, 21.0192



23.5082, 26.4888, 38.6327



28.8753, 26.4888, 28.6488

Complementary

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



23.3966, 26.4888, 21.0192



20.1177, 19.4068, 29.0726

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.



28.3966, 26.4888, 34.0117



23.3966, 26.4888, 21.0192



25.2444, 26.4888, 40.1816

Square

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



23.3966, 26.4888, 21.0192



22.2723, 26.4888, 34.3870



27.0451, 26.4888, 38.3981



28.3235, 26.4888, 23.9273

Rectangle

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



23.3966, 26.4888, 21.0192



21.8466, 26.4888, 27.3045



27.0451, 26.4888, 38.3981



28.8294, 26.4888, 30.4357

Sweetspot

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



23.3973, 26.4900, 21.0198



45.1070, 48.4514, 48.4874



22.2079, 22.1087, 20.2368



10.2986, 11.0906, 10.9808



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.3973, 26.4900, 21.0198



40.0709, 46.1780, 33.6691



21.4412, 25.4815, 20.9282



5.6802, 6.2033, 5.7873



13.2552, 19.7259, 3.1089



0.1493, 0.2002, 0.0308

Inverse Universe

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



20.1177, 19.4068, 29.0726



33.0960, 31.1117, 50.7988



22.1275, 20.4429, 29.1667



5.2760, 5.3305, 6.7796



5.3222, 2.2373, 23.1284



0.0714, 0.0320, 0.2221

Previews

White Background



This preview shows how the XYZ color 23.3966, 26.4888, 21.0192 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 23.3966, 26.4888, 21.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

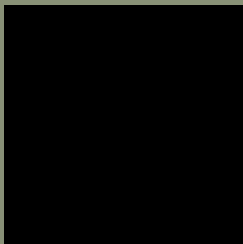
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3966, 26.4888, 21.0192

Background



This preview shows how black text looks on a background with the XYZ color 23.3966, 26.4888, 21.0192.



This preview shows how white text looks on a background with the XYZ color 23.3966, 26.4888,

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

23.3966, 26.4888, 21.0192

Protanopia

24.9249, 26.4067, 20.3063

Deuteranopia

26.7521, 26.2611, 21.4282



Tritanopia

25.8030, 26.3623, 33.0066

Trichromacy



Original Color

23.3966, 26.4888, 21.0192

Protanomaly

24.2374, 26.2634, 20.6215

Deuteranomaly

25.3671, 26.1843, 21.1698

Tritanomaly

24.8325, 26.4028, 28.2135

Monochromacy



Original Color

23.3966, 26.4888, 21.0192

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1028, 26.0917, 25.2386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3966, 26.4888, 21.0192 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(136, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(136, 144, 118)  
}
```

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(136, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 144, 118) }
```

Border

The CSS property to change the border of an element to XYZ 23.3966, 26.4888, 21.0192 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(136, 144, 118) }
```


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

```
.border{ border-color:rgb(136, 144, 118) }
```

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

Here you see how a box with a 4 pixel rgb(136, 144, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(136, 144,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3966, 26.4888, 21.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 144, 118) }
```

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

```
.background{ background-color: rgb(136,  
144, 118) }
```

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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