

Converting Colors

XYZ(21.5290, 23.2558, 24.6998)

Have a look what the booklet for
XYZ(21.5290, 23.2558, 24.6998)
contains.

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Color

**XYZ(21.5239, 23.2781,
24.8314)**

Conversions

Conversions Part 1

Format	Color
Hex	808683
RGB	128, 134, 131
RGB Percent	50%, 53%, 51%
CMY	0.4980, 0.4745, 0.4863
CMYK	0.04, 0.00, 0.02, 0.47
HSL	150°, 2%, 51%
HSV	150°, 4%, 53%
XYZ	21.5239, 23.2781, 24.8314
YIQ	131.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

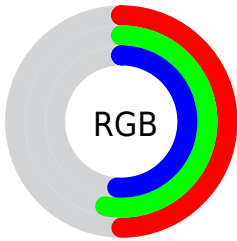
Format	Color
R_{YB}	128, 132, 134
Decimal	8423043
CIE _{Lab}	55.36, -2.81, 0.84
CIE _{LCh}	55, 2.934, 163.401
Yxy	23.2781, 0.3091, 0.3343
Android (android.graphics.Color)	4286613123 (0xFF808683)
YUV	131.8640, -0.4260, -3.3887
Hunter-Lab	48.2474, -4.8013, 3.2585

Details

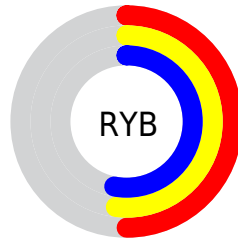
The XYZ color **21.5239, 23.2781, 24.8314** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6483, 22.1459, 24.6075**, and the grayscale version is **21.8858, 23.0256, 25.0749**.

A 20% lighter version of the original color is **45.4781, 48.8251, 52.3746**, and **7.9178, 8.6121, 9.2276** is the 20% darker color. If you saturate the color by 10%, you get **19.2003, 22.1317, 22.4277**, and if you desaturate by 10%, it is **24.1444, 24.5755, 27.4034**.

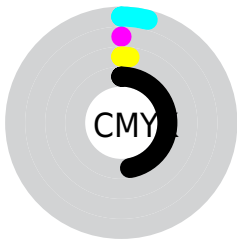
Distribution



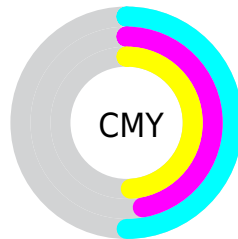
- Red (50%)
- Green (53%)
- Blue (51%)



- Red (50%)
- Yellow (52%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (50%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5239, 23.2781, 24.8314 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 21.5239, 23.2781, 24.8314 by changing the saturation by 10% instead.

■ 21.5239, 23.2781,
24.8314

■ 21.5239, 23.2781,
24.8314

252.7291,
269.1502, 290.4180

■ 13.6221, 14.7990,
15.7336

■ 45.4426, 48.8496,
52.3443

■ 7.9383, 8.6784,
9.1835

■ 62.1902, 66.7107,
71.5965

■ 4.1069, 4.5320,
4.7626

■ 82.6171, 88.4680,
95.0706

■ 1.7628, 1.9754,
2.0524

107.0887,
114.5058, 123.1850

■ 0.4951, 0.5931,
0.5872

135.9704,
145.2085, 156.3585

■ 0.0000, 0.0000,
0.0000

169.6274,

180.9606, 195.0094

208.4252,
222.1463, 239.5564

■ 21.5239, 23.2781,
24.8314

■ 21.5239, 23.2781,
24.8314

■ 19.2003, 22.1317,
22.4277

■ 24.1444, 24.5755,
27.4034

■ 17.1608, 21.1278,
20.1874

■ 27.0702, 26.0261,
30.1454

■ 15.3945, 20.2614,
18.1075

■ 30.3118, 27.6360,
33.0612

■ 13.8888, 19.5262,
16.1844

■ 33.8785, 29.4100,
36.1539

■ 12.6305, 18.9154,
14.4142

■ 37.7792, 31.3525,
39.4264

■ 11.6047, 18.4214,
12.7930

■ 42.0228, 33.4680,
42.8817

■ 10.7953, 18.0360,
11.3167

■ 46.6173, 35.7608,
46.5226

■ 10.1836, 17.7496,
9.9810

■ 51.5708, 38.2348,
50.3521

■ 9.7452, 17.5497,
8.7808

■ 56.8912, 40.8940,
54.3727

Harmonies

Analogous

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



21.6929, 23.2781, 24.0511



21.5239, 23.2781, 24.8314



21.5149, 23.2781, 25.7685

Triad

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



21.5239, 23.2781, 24.8314



22.2722, 23.2781, 27.1511



22.5884, 23.2781, 24.1203

Complementary

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



21.5239, 23.2781, 24.8314



21.6483, 22.1459, 24.6075

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.



22.7468, 23.2781, 24.9280



21.5239, 23.2781, 24.8314



22.5630, 23.2781, 26.6863

Square

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



21.5239, 23.2781, 24.8314



21.9448, 23.2781, 27.1236



22.7375, 23.2781, 25.8674



22.3065, 23.2781, 23.6476

Rectangle

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



21.5239, 23.2781, 24.8314



21.6008, 23.2781, 26.3573



22.7375, 23.2781, 25.8674



22.6579, 23.2781, 24.3607

Sweetspot

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



21.5246, 23.2791, 24.8319



39.4581, 41.7728, 45.2818



21.7978, 23.4431, 23.7984



8.8968, 9.4146, 10.2088



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.



21.5246, 23.2791, 24.8319



37.6487, 40.8781, 43.4733



21.7241, 23.3589, 25.8827



4.9069, 5.3399, 5.6690



8.9434, 16.3602, 7.6876



0.0347, 0.0581, 0.0460

Inverse Universe

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



21.6483, 22.1459, 24.6075



37.8963, 38.6099, 43.0240



21.4542, 22.0683, 23.5857



4.9415, 5.0228, 5.6062



10.1692, 5.1320, 5.4631



0.0389, 0.0193, 0.0383

Previews

White Background



This preview shows how the XYZ color 21.5239, 23.2781, 24.8314 looks on a white background.

Color Contrast Check

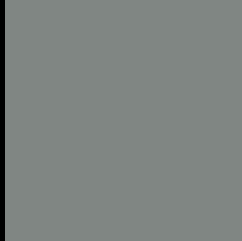
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5239, 23.2781, 24.8314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

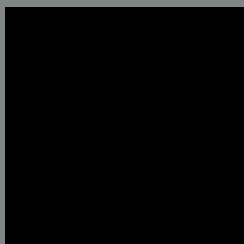
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

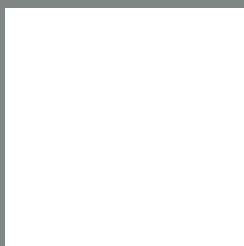
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5239, 23.2781, 24.8314

Background



This preview shows how black text looks on a background with the XYZ color 21.5239, 23.2781, 24.8314.



This preview shows how white text looks on a background with the XYZ color 21.5239, 23.2781,

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

21.5239, 23.2781, 24.8314

Protanopia

22.2722, 23.2651, 24.4358

Deuteranopia

23.5611, 23.1240, 25.0514



Tritanopia

22.4151, 23.2315, 29.2893

Trichromacy



Original Color

21.5239, 23.2781, 24.8314

Protanomaly

21.9325, 23.2923, 24.4590

Deuteranomaly

22.7950, 23.1202, 25.0910

Tritanomaly

22.1010, 23.3063, 27.7598

Monochromacy



Original Color

21.5239, 23.2781, 24.8314

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9125, 23.2663, 25.1657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5239, 23.2781, 24.8314 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(128, 134, 131)` looks like.

```
.text, #text, p{  
    color:rgb(128, 134, 131)  
}
```

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(128, 134, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 134, 131) }
```

Border

The CSS property to change the border of an element to XYZ 21.5239, 23.2781, 24.8314 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(128, 134, 131) }
```


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

```
.border{ border-color:rgb(128, 134, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 134, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 134, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 134, 131);  
box-shadow:4px 4px 4px 4px rgb(128, 134,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5239, 23.2781, 24.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 134, 131) }
```

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

```
.background{ background-color: rgb(128,  
134, 131) }
```

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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