

Converting Colors

XYZ(21.4290, 23.1530, 24.6005)

Have a look what the booklet for
XYZ(21.4290, 23.1530, 24.6005)
contains.

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Color

**XYZ(21.4564, 23.2511,
24.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	808682
RGB	128, 134, 130
RGB Percent	50%, 53%, 51%
CMY	0.4980, 0.4745, 0.4902
CMYK	0.04, 0.00, 0.03, 0.47
HSL	140°, 2%, 51%
HSV	140°, 4%, 53%
XYZ	21.4564, 23.2511, 24.4761
YIQ	131.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

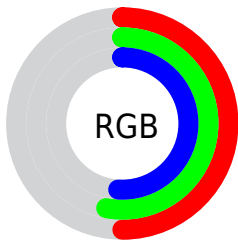
Format	Color
R_{YB}	128, 133, 134
Decimal	8423042
CIE _{Lab}	55.33, -3.01, 1.38
CIE _{LCh}	55, 3.311, 155.442
Yxy	23.2511, 0.3101, 0.3361
Android (android.graphics.Color)	4286613122 (0xFF808682)
YUV	131.7500, -0.8628, -3.2887
Hunter-Lab	48.2194, -4.9560, 3.6581

Details

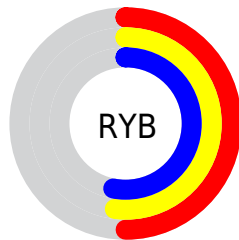
The XYZ color **21.4564, 23.2511, 24.4761** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.7164, 22.1731, 24.9661**, and the grayscale version is **21.8462, 22.9839, 25.0295**.

A 20% lighter version of the original color is **45.3736, 48.7833, 51.8244**, and **7.8800, 8.5970, 9.0286** is the 20% darker color. If you saturate the color by 10%, you get **18.9986, 22.0510, 21.3654**, and if you desaturate by 10%, it is **24.2339, 24.6113, 27.8747**.

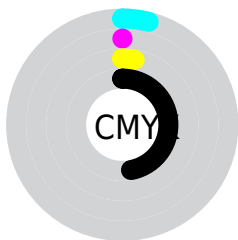
Distribution



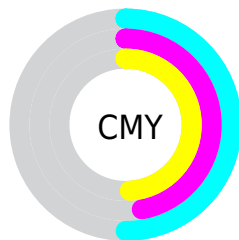
- Red (50%)
- Green (53%)
- Blue (51%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4564, 23.2511, 24.4761 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 21.4564, 23.2511, 24.4761 by changing the saturation by 10% instead.

■ 21.4564, 23.2511,
24.4761

■ 21.4564, 23.2511,
24.4761

252.3802,
269.0121, 288.5824

■ 13.5724, 14.7790,
15.4717

■ 45.3315, 48.8053,
51.7596

■ 7.9036, 8.6644,
9.0008

■ 62.0532, 66.6562,
70.8757

■ 4.0846, 4.5230,
4.6449

■ 82.4516, 88.4022,
94.1995

■ 1.7501, 1.9702,
1.9854

106.8919,
114.4277, 122.1495

■ 0.4873, 0.5901,
0.5463

135.7396,
145.1170, 155.1443

■ 0.0000, 0.0000,
0.0000

169.3600,

180.8546, 193.6023

208.1184,
222.0248, 237.9422

■ 21.4564, 23.2511,
24.4761

■ 21.4564, 23.2511,
24.4761

■ 18.9986, 22.0510,
21.3654

■ 24.2339, 24.6113,
27.8747

■ 16.8467, 21.0022,
18.5335

■ 27.3401, 26.1341,
31.5667

■ 14.9892, 20.0993,
15.9733

■ 30.7861, 27.8258,
35.5595

■ 13.4126, 19.3357,
13.6766

■ 34.5822, 29.6914,
39.8599

■ 12.1027, 18.7043,
11.6350

■ 38.7378, 31.7359,
44.4742

■ 11.0438, 18.1971,
9.8395

■ 43.2622, 33.9638,
49.4087

■ 10.2187, 17.8053,
8.2806

■ 48.1643, 36.3796,
54.6695

■ 9.6076, 17.5192,
6.9482

■ 53.4528, 38.9876,
60.2625

■ 9.1850, 17.3256,
5.8313

■ 59.1358, 41.7919,
66.1935

Harmonies

Analogous

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



21.6880, 23.2511, 23.6868



21.4564, 23.2511, 24.4761



21.3963, 23.2511, 25.5109

Triad

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



21.4564, 23.2511, 24.4761



22.1673, 23.2511, 27.4072



22.6863, 23.2511, 24.1492

Complementary

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



21.4564, 23.2511, 24.4761



21.7164, 22.1731, 24.9661

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.



22.8179, 23.2511, 25.1231



21.4564, 23.2511, 24.4761



22.5161, 23.2511, 27.0192

Square

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



21.4564, 23.2511, 24.4761



21.8040, 23.2511, 27.2223



22.7553, 23.2511, 26.1759



22.3976, 23.2511, 23.5018

Rectangle

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



21.4564, 23.2511, 24.4761



21.4610, 23.2511, 26.2052



22.7553, 23.2511, 26.1759



22.7505, 23.2511, 24.4482

Sweetspot

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



21.4571, 23.2521, 24.4766



39.4303, 41.7616, 45.1352



21.9536, 23.5235, 23.8057



8.8910, 9.4123, 10.1780



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.



21.4571, 23.2521, 24.4766



37.5138, 40.8242, 42.7627



21.6547, 23.3311, 25.5172



4.8881, 5.3323, 5.5697



8.4316, 16.1555, 4.9921



0.0323, 0.0572, 0.0337

Inverse Universe

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



21.7164, 22.1731, 24.9661



38.0328, 38.6645, 43.7425



21.5205, 22.0948, 23.9346



4.9606, 5.0304, 5.7067



10.9221, 5.4332, 9.4283



0.0412, 0.0202, 0.0505

Previews

White Background



This preview shows how the XYZ color 21.4564, 23.2511, 24.4761 looks on a white background.

Color Contrast Check

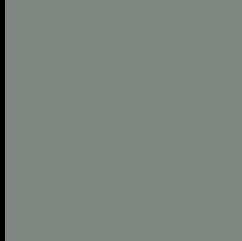
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4564, 23.2511, 24.4761 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

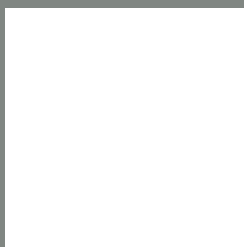
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4564, 23.2511, 24.4761

Background



This preview shows how black text looks on a background with the XYZ color 21.4564, 23.2511, 24.4761.



This preview shows how white text looks on a background with the XYZ color 21.4564, 23.2511,

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

21.4564, 23.2511, 24.4761

Protanopia

22.3671, 23.3217, 24.0916

Deuteranopia

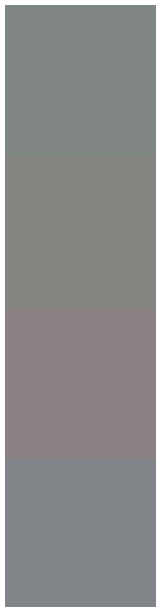
23.4930, 23.0968, 24.6926



Tritanopia

22.4151, 23.2315, 29.2893

Trichromacy



Original Color

21.4564, 23.2511, 24.4761

Protanomaly

22.0228, 23.3466, 24.1145

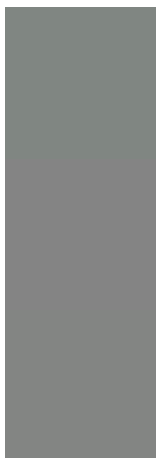
Deuteranomaly

22.7268, 23.0929, 24.7323

Tritanomaly

22.0282, 23.2772, 27.3767

Monochromacy



Original Color

21.4564, 23.2511, 24.4761

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.8443, 23.2390, 24.8070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4564, 23.2511, 24.4761 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 134, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 134, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.4564, 23.2511, 24.4761 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, 130) }
```


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

```
.border{ border-color:rgb(128, 134, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 134, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 134, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 134,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4564, 23.2511, 24.4761 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, 130) }
```

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

```
.background{ background-color: rgb(128,  
134, 130) }
```

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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