

Converting Colors

XYZ(21.4452, 22.8371, 24.4983)

Have a look what the booklet for
XYZ(21.4452, 22.8371, 24.4983)
contains.

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Color

**XYZ(21.4864, 22.8601,
24.3991)**

Conversions

Conversions Part 1

Format	Color
Hex	828482
RGB	130, 132, 130
RGB Percent	51%, 52%, 51%
CMY	0.4902, 0.4823, 0.4902
CMYK	0.02, 0.00, 0.02, 0.48
HSL	120°, 1%, 51%
HSV	120°, 2%, 52%
XYZ	21.4864, 22.8601, 24.3991
YIQ	131.1740, -0.5500, -1.0460

Conversions

Conversions Part 2

Format	Color
R_{YB}	130, 132, 132
Decimal	8553602
CIE Lab	54.93, -1.14, 0.81
CIE LCh	55, 1.396, 144.506
Yxy	22.8601, 0.3125, 0.3325
Android (android.graphics.Color)	4286743682 (0xFF828482)
YUV	131.1740, -0.5788, -1.0296
Hunter-Lab	47.8122, -3.4551, 3.2122

Details

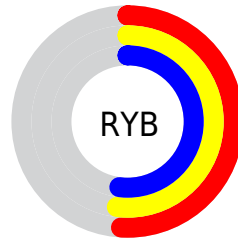
The XYZ color **21.4864, 22.8601, 24.3991** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6640, 22.5372, 25.0391**, and the grayscale version is **21.6382, 22.7651, 24.7912**.

A 20% lighter version of the original color is **45.4246, 48.1841, 51.7061**, and **7.9718, 8.5299, 9.0109** is the 20% darker color. If you saturate the color by 10%, you get **18.7605, 21.5514, 19.9409**, and if you desaturate by 10%, it is **24.5870, 24.3502, 29.4688**.

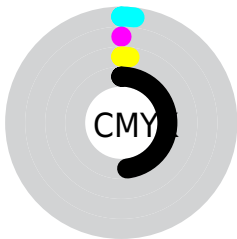
Distribution



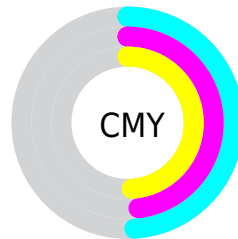
- Red (51%)
- Green (52%)
- Blue (51%)



- Red (51%)
- Yellow (52%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (48%)



- Cyan (49%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4864, 22.8601, 24.3991 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 21.4864, 22.8601, 24.3991 by changing the saturation by 10% instead.

■ 21.4864, 22.8601,
24.3991

■ 21.4864, 22.8601,
24.3991

252.5353,
267.0056, 288.1833

■ 13.5945, 14.4902,
15.4150

■ 45.3808, 48.1635,
51.6327

■ 7.9190, 8.4624,
8.9613

■ 62.1141, 65.8658,
70.7192

■ 4.0945, 4.3922,
4.6195

■ 82.5252, 87.4478,
94.0103

■ 1.7557, 1.8953,
1.9710

106.9794,
113.2938, 121.9246

■ 0.4908, 0.5456,
0.5373

135.8422,
143.7881, 154.8804

■ 0.0000, 0.0000,
0.0000

169.4789,

179.3153, 193.2965

208.2548,
220.2597, 237.5913

■ 21.4864, 22.8601,
24.3991

■ 21.4864, 22.8601,
24.3991

■ 18.7605, 21.5514,
19.9409

■ 24.5870, 24.3502,
29.4688

■ 16.3932, 20.4142,
16.0696

■ 28.0737, 26.0251,
35.1703

■ 14.3703, 19.4425,
12.7612

■ 31.9599, 27.8918,
41.5247

■ 12.6757, 18.6285,
9.9896

■ 36.2576, 29.9563,
48.5520

■ 11.2921, 17.9639,
7.7264

■ 40.9784, 32.2240,
56.2710

■ 10.2006, 17.4396,
5.9409

■ 46.1335, 34.7003,
64.6999

■ 9.3803, 17.0456,
4.5987

■ 51.7336, 37.3904,
73.8563

■ 8.8074, 16.7704,
3.6611

■ 57.7890, 40.2993,
83.7570

■ 8.4542, 16.6007,
3.0827

■ 64.3098, 43.4316,
94.4184

Harmonies

Analogous

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



21.6046, 22.8601, 24.1231



21.4864, 22.8601, 24.3991



21.4329, 22.8601, 24.8092

Triad

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



21.4864, 22.8601, 24.3991



21.6994, 22.8601, 25.7490



21.9998, 22.8601, 24.5388

Complementary

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



21.4864, 22.8601, 24.3991



21.6640, 22.5372, 25.0391

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.



22.0255, 22.8601, 24.9725



21.4864, 22.8601, 24.3991



21.8515, 22.8601, 25.6745

Square

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



21.4864, 22.8601, 24.3991



21.5555, 22.8601, 25.5913



21.9711, 22.8601, 25.3890



21.9011, 22.8601, 24.2032

Rectangle

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



21.4864, 22.8601, 24.3991



21.4410, 22.8601, 25.1049



21.9711, 22.8601, 25.3890



22.0173, 22.8601, 24.6778

Sweetspot

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



21.4870, 22.8611, 24.3996



38.6329, 40.6448, 44.2622



21.7973, 23.0210, 24.4138



8.9945, 9.4630, 10.3052



64.0503, 67.3860, 73.3833

Same Dimension

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



21.4870, 22.8611, 24.3996



37.5779, 40.1380, 42.5369



21.5546, 22.8881, 24.7552



5.0974, 5.4359, 5.7777



7.9896, 15.9787, 2.6646



0.0277, 0.0554, 0.0093

Inverse Universe

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



21.6640, 22.5372, 25.0391



37.9964, 39.3720, 44.0494



21.5958, 22.5099, 24.6800



5.1481, 5.3432, 5.9607



13.2428, 6.3615, 21.6488



0.0459, 0.0220, 0.0750

Previews

White Background



This preview shows how the XYZ color 21.4864, 22.8601, 24.3991 looks on a white background.

Color Contrast Check

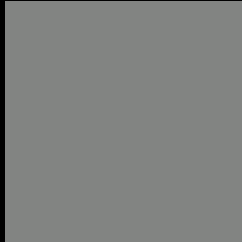
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4864, 22.8601, 24.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

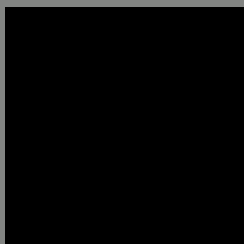
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

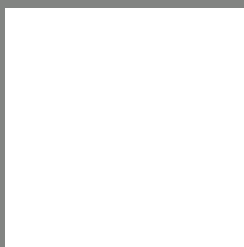
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4864, 22.8601, 24.3991

Background



This preview shows how black text looks on a background with the XYZ color 21.4864, 22.8601, 24.3991.



This preview shows how white text looks on a background with the XYZ color 21.4864, 22.8601,

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

21.4864, 22.8601, 24.3991

Protanopia

21.9103, 22.8859, 24.0315

Deuteranopia

23.1877, 22.7467, 24.6412



Tritanopia

22.3061, 22.7939, 28.4233

Trichromacy



Original Color

21.4864, 22.8601, 24.3991

Protanomaly

21.7516, 22.8041, 24.0241

Deuteranomaly

22.5945, 22.8282, 24.6882

Tritanomaly

21.9917, 22.8640, 26.9210

Monochromacy



Original Color

21.4864, 22.8601, 24.3991

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.5731, 22.6966, 24.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4864, 22.8601, 24.3991 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(130, 132, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 132, 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(130, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 132, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.4864, 22.8601, 24.3991 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(130, 132, 130) }
```

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

```
.border{ border-color:rgb(130, 132, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 132, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 132,  
130) }
```


Background

The CSS property to change the background color of an element to XYZ 21.4864, 22.8601, 24.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 132, 130) }
```

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

```
.background{ background-color: rgb(130,  
132, 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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