

Converting Colors

XYZ(21.0719, 24.4199, 22.6199)

Have a look what the booklet for
XYZ(21.0719, 24.4199, 22.6199)
contains.

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Color

**XYZ(21.0422, 24.3490,
22.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8C7C
RGB	122, 140, 124
RGB Percent	48%, 55%, 49%
CMY	0.5216, 0.4510, 0.5137
CMYK	0.13, 0.00, 0.11, 0.45
HSL	127°, 7%, 51%
HSV	127°, 13%, 55%
XYZ	21.0422, 24.3490, 22.6596
YIQ	132.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

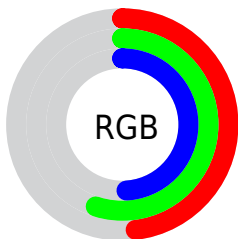
Format	Color
RYB	122, 138, 140
Decimal	8031356
CIELab	56.44, -9.75, 6.37
CIELCh	56, 11.644, 146.845
Yxy	24.3490, 0.3092, 0.3578
Android (android.graphics.Color)	4286221436 (0xFF7A8C7C)
YUV	132.7940, -4.3354, -9.4663
Hunter-Lab	49.3447, -10.2350, 7.3147

Details

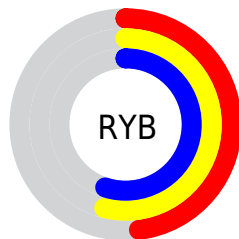
The XYZ color **21.0422, 24.3490, 22.6596** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3630, 21.3300, 26.9842**, and the grayscale version is **22.2367, 23.3947, 25.4769**.

A 20% lighter version of the original color is **44.9068, 50.8719, 49.0474**, and **7.6738, 9.2368, 8.0350** is the 20% darker color. If you saturate the color by 10%, you get **18.4630, 23.1053, 18.6868**, and if you desaturate by 10%, it is **24.0078, 25.7817, 27.1700**.

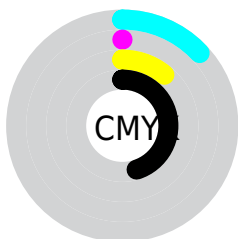
Distribution



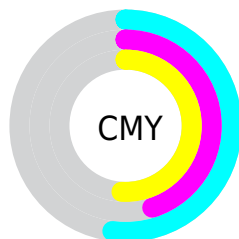
- Red (48%)
- Green (55%)
- Blue (49%)



- Red (48%)
- Yellow (54%)
- Blue (55%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0422, 24.3490, 22.6596 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 21.0422, 24.3490, 22.6596 by changing the saturation by 10% instead.

■ 21.0422, 24.3490,
22.6596

■ 21.0422, 24.3490,
22.6596

250.2301,
274.5802, 279.0368

■ 13.2675, 15.5927,
14.1394

■ 44.6485, 50.5991,
48.7499

■ 7.6913, 9.2364,
8.0778

■ 61.2108, 68.8617,
67.1571

■ 3.9482, 4.8957,
4.0563

■ 81.4330, 91.0619,
89.6970

■ 1.6729, 2.1862,
1.6563

105.6805,
117.5841, 116.7882

■ 0.4392, 0.7125,
0.3305

134.3186,
148.8126, 148.8493

■ 0.0000, 0.0000,
0.0000

167.7127,

185.1318, 186.2987

206.2281,
226.9262, 229.5550

■ 21.0422, 24.3490,
22.6596

■ 21.0422, 24.3490,
22.6596

■ 18.4630, 23.1053,
18.6868

■ 24.0078, 25.7817,
27.1700

■ 16.2522, 22.0398,
15.2301

■ 27.3725, 27.4077,
32.2354

■ 14.3936, 21.1453,
12.2686

■ 31.1513, 29.2349,
37.8742

■ 12.8689, 20.4128,
9.7799

■ 35.3576, 31.2697,
44.1038

■ 11.6581, 19.8326,
7.7393

■ 40.0041, 33.5186,
50.9405

■ 10.7393, 19.3938,
6.1202

■ 45.1032, 35.9875,
58.4002

■ 10.0874, 19.0842,
4.8931

■ 50.6667, 38.6821,
66.4981

■ 9.6733, 18.8895,
4.0248

■ 56.7059, 41.6080,
75.2491

■ 9.4688, 18.7933,
3.6015

■ 63.2319, 44.7705,
84.6672

Harmonies

Analogous

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



21.9933, 24.3490, 20.4306



21.0422, 24.3490, 22.6596



20.6527, 24.3490, 26.1059

Triad

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



21.0422, 24.3490, 22.6596



23.0008, 24.3490, 34.6270



25.5310, 24.3490, 23.3022

Complementary

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



21.0422, 24.3490, 22.6596



22.3630, 21.3300, 26.9842

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.



25.8259, 24.3490, 26.9221



21.0422, 24.3490, 22.6596



24.3321, 24.3490, 33.6940

Square

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



21.0422, 24.3490, 22.6596



21.7556, 24.3490, 33.2175



25.3792, 24.3490, 30.7778



24.5882, 24.3490, 20.7756

Rectangle

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



21.0422, 24.3490, 22.6596



20.7522, 24.3490, 28.7195



25.3792, 24.3490, 30.7778



25.7107, 24.3490, 24.4205

Sweetspot

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



21.0429, 24.3500, 22.6601



41.6467, 45.1247, 46.8732



23.4063, 25.5829, 22.1169



9.5098, 10.3560, 10.6695



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.



21.0429, 24.3500, 22.6601



35.9182, 42.3588, 38.1412



21.6247, 24.5828, 25.7239



4.9930, 5.6167, 5.4841



8.4172, 16.6995, 3.2218



0.0585, 0.1120, 0.0348

Inverse Universe

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



22.3630, 21.3300, 26.9842



38.6447, 36.1212, 47.0716



21.7513, 21.0853, 23.7627



5.2103, 5.1196, 6.1960



12.8718, 6.2588, 17.6270



0.0887, 0.0428, 0.1338

Previews

White Background



This preview shows how the XYZ color 21.0422, 24.3490, 22.6596 looks on a white background.

Color Contrast Check

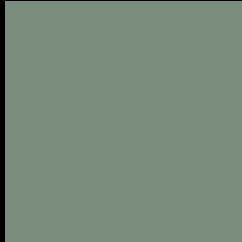
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0422, 24.3490, 22.6596 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 21.0422, 24.3490, 22.6596

Background



This preview shows how black text looks on a background with the XYZ color 21.0422, 24.3490, 22.6596.



This preview shows how white text looks on a background with the XYZ color 21.0422, 24.3490,

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

21.0422, 24.3490, 22.6596

Protanopia

23.0997, 24.3711, 21.5758

Deuteranopia

24.6974, 24.1470, 23.0978



Tritanopia

22.8163, 24.4335, 31.1174

Trichromacy



Original Color

21.0422, 24.3490, 22.6596

Protanomaly

22.2900, 24.3648, 21.9404

Deuteranomaly

23.2113, 24.1936, 22.8485

Tritanomaly

22.2061, 24.4010, 27.9656

Monochromacy



Original Color

21.0422, 24.3490, 22.6596

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.8867, 23.8872, 24.5762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0422, 24.3490, 22.6596 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(122, 140, 124)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 124)  
}
```

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(122, 140, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 124) }
```

Border

The CSS property to change the border of an element to XYZ 21.0422, 24.3490, 22.6596 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(122, 140, 124) }
```


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

```
.border{ border-color:rgb(122, 140, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 140, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 124);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0422, 24.3490, 22.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 124) }
```

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

```
.background{ background-color: rgb(122,  
140, 124) }
```

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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