

Converting Colors

XYZ(15.5420, 21.5135, 22.4022)

Have a look what the booklet for
XYZ(15.5420, 21.5135, 22.4022)
contains.

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Color

**XYZ(15.5420, 21.5135,
22.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	468C7C
RGB	70, 140, 124
RGB Percent	27%, 55%, 49%
CMY	0.7255, 0.4510, 0.5137
CMYK	0.50, 0.00, 0.11, 0.45
HSL	166°, 33%, 41%
HSV	166°, 50%, 55%
XYZ	15.5420, 21.5135, 22.4022
YIQ	117.2460, -36.5840, -19.8160

Conversions

Conversions Part 2

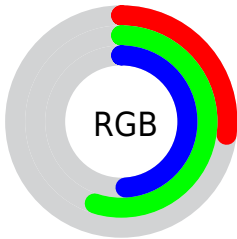
Format	Color
RYB	70, 110, 140
Decimal	4623484
CIELab	53.51, -26.18, 1.77
CIELCh	54, 26.241, 176.134
Yxy	21.5135, 0.2614, 0.3618
Android (android.graphics.Color)	4282813564 (0xFF468C7C)
YUV	117.2460, 3.3297, -41.4347
Hunter-Lab	46.3826, -21.3575, 3.8316

Details

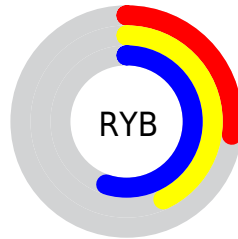
The XYZ color **15.5420, 21.5135, 22.4022** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.6859, 10.6283, 10.0824**, and the grayscale version is **16.9835, 17.8679, 19.4582**.

A 20% lighter version of the original color is **35.2966, 45.9291, 48.0792**, and **4.9425, 7.7044, 7.8832** is the 20% darker color. If you saturate the color by 10%, you get **14.4485, 20.9733, 21.3120**, and if you desaturate by 10%, it is **16.8788, 22.1794, 23.5391**.

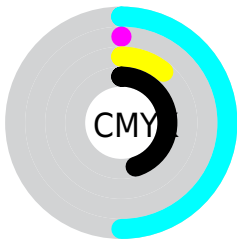
Distribution



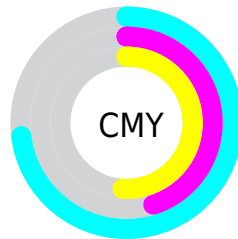
- Red (27%)
- Green (55%)
- Blue (49%)



- Red (27%)
- Yellow (43%)
- Blue (55%)



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5420, 21.5135, 22.4022 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 15.5420, 21.5135, 22.4022 by changing the saturation by 10% instead.

■ 15.5420, 21.5135,
22.4022

■ 15.5420, 21.5135,
22.4022

219.9477,
259.9950, 277.6612

■ 9.2894, 13.4999,
13.9516

■ 35.3652, 45.9406,
48.3205

■ 4.9891, 7.7737,
7.9486

■ 49.6664, 63.1228,
66.6253

■ 2.2755, 3.9505,
3.9748

■ 67.3814, 84.1301,
89.0520

■ 0.7821, 1.6459,
1.6115

■ 88.8753, 109.3467,
116.0190

■ 0.0000, 0.3882,
0.2990

■ 114.5135,
139.1571, 147.9448

■ 0.0000, 0.0000,
0.0000

144.6614,

173.9457, 185.2481

179.6843,
214.0969, 228.3474

■ 15.5420, 21.5135,
22.4022

■ 15.5420, 21.5135,
22.4022

■ 14.4485, 20.9733,
21.3120

■ 16.8788, 22.1794,
23.5391

■ 13.5797, 20.5477,
20.2657

■ 18.4721, 22.9763,
24.7221

■ 12.9175, 20.2278,
19.2628

■ 20.3364, 23.9120,
25.9527

■ 12.4398, 20.0024,
18.3019

■ 22.4844, 24.9933,
27.2318

■ 12.0852, 19.8396,
17.3797

■ 24.9282, 26.2262,
28.5604

■ 12.0852, 19.8396,
17.3796

■ 27.6790, 27.6167,
29.9391

■ 30.7476, 29.1701,
31.3688

■ 34.1442, 30.8918,
32.8503

■ 37.8783, 32.7868,
34.3843

Harmonies

Analogous

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



16.3031, 21.5135, 15.8533



15.5420, 21.5135, 22.4022



15.9936, 21.5135, 30.8771

Triad

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



15.5420, 21.5135, 22.4022



22.9070, 21.5135, 40.1330



23.5906, 21.5135, 12.8297

Complementary

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



15.5420, 21.5135, 22.4022



14.6859, 10.6283, 10.0824

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.



25.6609, 21.5135, 17.2794



15.5420, 21.5135, 22.4022



25.2417, 21.5135, 33.0884

Square

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



15.5420, 21.5135, 22.4022



20.0878, 21.5135, 42.3758



26.2908, 21.5135, 24.4775



20.8124, 21.5135, 11.1816

Rectangle

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



15.5420, 21.5135, 22.4022



16.9460, 21.5135, 36.3621



26.2908, 21.5135, 24.4775



24.4019, 21.5135, 13.9898

Sweetspot

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



15.5426, 21.5144, 22.4027



37.5624, 43.0165, 46.7994



14.3528, 21.1935, 9.1291



8.4955, 9.8317, 10.6874



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.



15.5426, 21.5144, 22.4027



25.2572, 36.8697, 37.3348



14.1381, 16.9523, 27.3389



5.1247, 5.6694, 6.1779



10.7455, 17.6308, 15.4824



0.0769, 0.1193, 0.1320

Inverse Universe

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



14.6859, 10.6283, 10.0824



23.5818, 15.3868, 13.0980



15.4661, 13.1078, 7.5097



5.0767, 5.0661, 5.4923



9.8482, 5.0494, 1.7048



0.0702, 0.0355, 0.0366

Previews

White Background



This preview shows how the XYZ color 15.5420, 21.5135, 22.4022 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 15.5420, 21.5135, 22.4022 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 15.5420, 21.5135, 22.4022

Background



This preview shows how black text looks on a background with the XYZ color 15.5420, 21.5135, 22.4022.

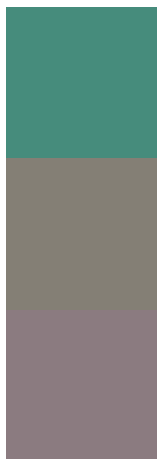


This preview shows how white text looks on a background with the XYZ color 15.5420, 21.5135,

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

15.5420, 21.5135, 22.4022

Protanopia

20.3160, 21.3686, 19.8834

Deuteranopia

21.6267, 21.2134, 23.3768



Tritanopia

17.3515, 21.6072, 31.2731

Trichromacy



Original Color

15.5420, 21.5135, 22.4022

Protanomaly

17.9481, 21.1098, 20.8979

Deuteranomaly

18.6205, 20.8102, 23.1140

Tritanomaly

16.5727, 21.4969, 27.7019

Monochromacy



Original Color

15.5420, 21.5135, 22.4022

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.9793, 18.7326, 20.5429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5420, 21.5135, 22.4022 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(70, 140, 124)` looks like.

```
.text, #text, p{  
    color:rgb(70, 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(70, 140, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 140, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.5420, 21.5135, 22.4022 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(70, 140, 124) }
```


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

```
.border{ border-color:rgb(70, 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(70, 140, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 140, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 140, 124);  
box-shadow:4px 4px 4px 4px rgb(70, 140,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5420, 21.5135, 22.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 140, 124) }
```

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

```
.background{ background-color: rgb(70, 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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