

Converting Colors

XYZ(15.6210, 22.5448, 22.8108)

Have a look what the booklet for
XYZ(15.6210, 22.5448, 22.8108)
contains.

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Color

**XYZ(15.5384, 22.3878,
22.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	3C907D
RGB	60, 144, 125
RGB Percent	24%, 56%, 49%
CMY	0.7647, 0.4353, 0.5098
CMYK	0.58, 0.00, 0.13, 0.44
HSL	166°, 41%, 40%
HSV	166°, 58%, 56%
XYZ	15.5384, 22.3878, 22.9044
YIQ	116.7180, -43.9650, -23.7170

Conversions

Conversions Part 2

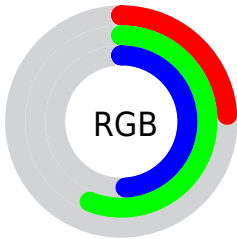
Format	Color
R_{YB}	60, 107, 144
Decimal	3969149
CIE _{Lab}	54.44, -30.21, 2.50
CIE _{LCh}	54, 30.310, 175.277
Yxy	22.3878, 0.2554, 0.3680
Android (android.graphics.Color)	4282159229 (0xFF3C907D)
YUV	116.7180, 4.0830, -49.7417
Hunter-Lab	47.3157, -24.1835, 4.4202

Details

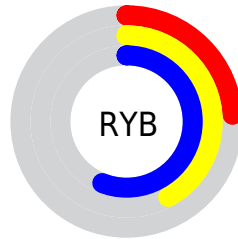
The XYZ color **15.5384, 22.3878, 22.9044** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.5295, 9.7261, 8.5095**, and the grayscale version is **16.8194, 17.6953, 19.2702**.

A 20% lighter version of the original color is **35.3002, 47.2474, 49.3786**, and **5.2189, 8.3505, 8.1742** is the 20% darker color. If you saturate the color by 10%, you get **14.5795, 21.9177, 21.7914**, and if you desaturate by 10%, it is **16.7421, 22.9845, 24.0655**.

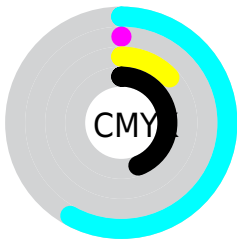
Distribution



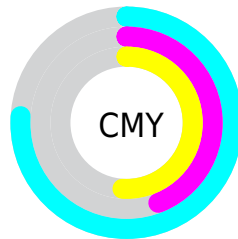
- Red (24%)
- Green (56%)
- Blue (49%)



- Red (24%)
- Yellow (42%)
- Blue (56%)



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5384, 22.3878, 22.9044 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 15.5384, 22.3878, 22.9044 by changing the saturation by 10% instead.

■ 15.5384, 22.3878,
22.9044

■ 15.5384, 22.3878,
22.9044

219.9266,
264.5648, 280.3396

■ 9.2869, 14.1421,
14.3183

■ 35.3589, 47.3861,
49.1575

■ 4.9874, 8.2196,
8.2011

■ 49.6586, 64.9075,
67.6616

■ 2.2745, 4.2358,
4.1343

■ 67.3718, 86.2897,
90.3088

■ 0.7816, 1.8063,
1.6993

■ 88.8637, 111.9169,
117.5175

■ 0.0000, 0.4911,
0.3603

■ 114.4998,
142.1737, 149.7065

■ 0.0000, 0.0000,
0.0000

144.6455,

177.4443, 187.2941

179.6659,
218.1132, 230.6989

■ 15.5384, 22.3878,
22.9044

■ 15.5384, 22.3878,
22.9044

■ 14.5795, 21.9177,
21.7914

■ 16.7421, 22.9845,
24.0655

■ 13.8438, 21.5613,
20.7236

■ 18.2064, 23.7141,
25.2743

■ 13.3090, 21.3077,
19.7002

■ 19.9478, 24.5858,
26.5323

■ 12.9267, 21.1319,
18.7185

■ 21.9808, 25.6070,
27.8406

■ 12.8665, 21.1044,
18.5583

■ 24.3192, 26.7848,
29.2001

■ 26.9756, 28.1257,
30.6118

■ 29.9620, 29.6359,
32.0765

■ 33.2897, 31.3213,
33.5950

■ 36.9696, 33.1873,
35.1681

Harmonies

Analogous

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



16.4588, 22.3878, 15.3879



15.5384, 22.3878, 22.9044



16.0206, 22.3878, 33.0303

Triad

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



15.5384, 22.3878, 22.9044



24.1179, 22.3878, 44.8863



25.1195, 22.3878, 12.2417

Complementary

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



15.5384, 22.3878, 22.9044



14.5295, 9.7261, 8.5095

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.



27.5778, 22.3878, 17.3839



15.5384, 22.3878, 22.9044



26.9587, 22.3878, 36.3212

Square

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



15.5384, 22.3878, 22.9044



20.7585, 22.3878, 47.4666



28.2834, 22.3878, 25.9104



21.8080, 22.3878, 10.3357

Rectangle

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



15.5384, 22.3878, 22.9044



17.1020, 22.3878, 39.7809



28.2834, 22.3878, 25.9104



26.0860, 22.3878, 13.5718

Sweetspot

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



15.5390, 22.3887, 22.9049



39.1490, 45.3550, 49.3344



14.0641, 21.9617, 7.7732



8.8222, 10.3227, 11.2186



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.5390, 22.3887, 22.9049



25.2708, 38.4406, 37.8406



13.8087, 16.7961, 28.9007



5.5088, 6.0957, 6.6451



11.2131, 18.3811, 16.2082



0.1155, 0.1790, 0.1985

Inverse Universe

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



14.5295, 9.7261, 8.5095



23.3453, 13.9322, 10.1200



15.3655, 12.3513, 5.8496



5.4558, 5.4428, 5.8980



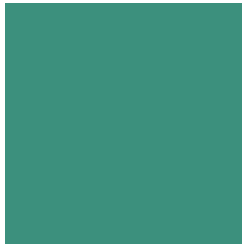
10.2575, 5.2600, 1.7416



0.1052, 0.0532, 0.0544

Previews

White Background



This preview shows how the XYZ color 15.5384, 22.3878, 22.9044 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 15.5384, 22.3878, 22.9044 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 15.5384, 22.3878, 22.9044

Background



This preview shows how black text looks on a background with the XYZ color 15.5384, 22.3878, 22.9044.

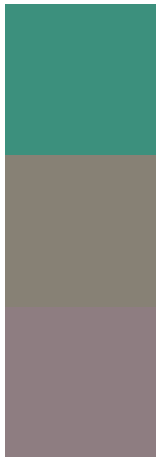


This preview shows how white text looks on a background with the XYZ color 15.5384, 22.3878,

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

15.5384, 22.3878, 22.9044

Protanopia

21.0528, 22.1358, 19.9926

Deuteranopia

22.4514, 22.0030, 23.8326



Tritanopia

17.5714, 22.3253, 33.0889

Trichromacy



Original Color

15.5384, 22.3878, 22.9044

Protanomaly

18.0996, 21.5944, 20.9835

Deuteranomaly

18.8296, 21.5058, 23.5807

Tritanomaly

16.6541, 22.1610, 28.9909

Monochromacy



Original Color

15.5384, 22.3878, 22.9044

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.8034, 19.0216, 20.6079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5384, 22.3878, 22.9044 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(60, 144, 125)` looks like.

```
.text, #text, p{  
    color:rgb(60, 144, 125)  
}
```

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(60, 144, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 144, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.5384, 22.3878, 22.9044 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(60, 144, 125) }
```


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

```
.border{ border-color:rgb(60, 144, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 144, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 144, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 144, 125);  
box-shadow:4px 4px 4px 4px rgb(60, 144,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5384, 22.3878, 22.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 144, 125) }
```

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

```
.background{ background-color: rgb(60, 144,  
125) }
```

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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