

Converting Colors

XYZ(21.6412, 24.8767, 15.2597)

Have a look what the booklet for
XYZ(21.6412, 24.8767, 15.2597)
contains.

XYZ(21.5744, 24.7889, 15.2029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.5744, 24.7889,
15.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	878C62
RGB	135, 140, 98
RGB Percent	53%, 55%, 38%
CMY	0.4706, 0.4510, 0.6157
CMYK	0.04, 0.00, 0.30, 0.45
HSL	67°, 18%, 47%
HSV	67°, 30%, 55%
XYZ	21.5744, 24.7889, 15.2029
YIQ	133.7170, 10.5020, -14.1220

Conversions

Conversions Part 2

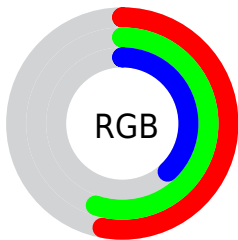
Format	Color
R_{YB}	98, 140, 103
Decimal	8883298
CIE _{Lab}	56.87, -9.09, 21.88
CIE _{LCh}	57, 23.692, 112.558
Yxy	24.7889, 0.3504, 0.4026
Android (android.graphics.Color)	4287073378 (0xFF878C62)
YUV	133.7170, -17.6085, 1.1252
Hunter-Lab	49.7885, -9.7819, 16.7477

Details

The XYZ color **21.5744, 24.7889, 15.2029** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6957, 13.5130, 26.6460**, and the grayscale version is **22.6165, 23.7943, 25.9120**.

A 20% lighter version of the original color is **45.7029, 51.5723, 35.9794**, and **8.0000, 9.4826, 4.5407** is the 20% darker color. If you saturate the color by 10%, you get **20.7044, 24.4110, 12.0083**, and if you desaturate by 10%, it is **22.5655, 25.2174, 19.0078**.

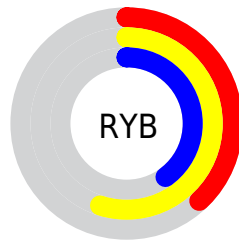
Distribution



Red (53%)

Green (55%)

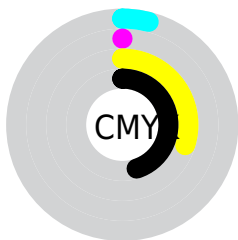
Blue (38%)



Red (38%)

Yellow (55%)

Blue (40%)

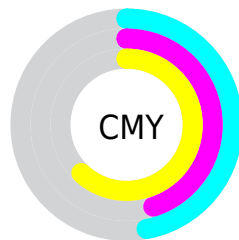


Cyan (4%)

Magenta (0%)

Yellow (30%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5744, 24.7889, 15.2029 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 21.5744, 24.7889, 15.2029 by changing the saturation by 10% instead.

■ 21.5744, 24.7889,
15.2029

■ 21.5744, 24.7889,
15.2029

252.9899,
276.7850, 236.2740

■ 13.6594, 15.9198,
8.8137

■ 45.5257, 51.3146,
35.9561

■ 7.9642, 9.4675,
4.5247

■ 62.2926, 69.7399,
51.1571

■ 4.1237, 5.0473,
1.9174

■ 82.7409, 92.1196,
70.1325

■ 1.7723, 2.2751,
0.5038

■ 107.2359,
118.8378, 93.3008

■ 0.5009, 0.7605,
0.0000

136.1429,
150.2791, 121.0806

■ 0.0000, 0.0000,
0.0000

169.8274,

186.8278, 153.8904

208.6546,
228.8683, 192.1486

■ 21.5744, 24.7889,
15.2029

■ 21.5744, 24.7889,
15.2029

■ 20.7044, 24.4110,
12.0083

■ 22.5655, 25.2174,
19.0078

■ 19.9476, 24.0780,
9.3906

■ 23.6815, 25.6956,
23.4509

■ 19.2980, 23.7884,
7.3159

■ 24.9282, 26.2265,
28.5602

■ 18.7484, 23.5392,
5.7459

■ 26.3105, 26.8121,
34.3616

■ 18.2904, 23.3272,
4.6372

■ 27.8332, 27.4544,
40.8796

■ 17.9146, 23.1485,
3.9393

■ 29.5006, 28.1550,
48.1374

■ 17.5939, 22.9923,
3.5107

■ 31.3170, 28.9158,
56.1575

■ 33.2866, 29.7383,
64.9611

■ 35.4131, 30.6241,
74.5688

Harmonies

Analogous

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



24.2584, 24.7889, 14.5048



21.5744, 24.7889, 15.2029



19.5764, 24.7889, 18.7314

Triad

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



21.5744, 24.7889, 15.2029



20.4661, 24.7889, 41.0201



29.2531, 24.7889, 29.0173

Complementary

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



21.5744, 24.7889, 15.2029



14.6957, 13.5130, 26.6460

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.



28.0528, 24.7889, 37.3789



21.5744, 24.7889, 15.2029



22.8773, 24.7889, 45.1392

Square

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



21.5744, 24.7889, 15.2029



18.9724, 24.7889, 33.2825



25.6662, 24.7889, 43.6902



28.8357, 24.7889, 21.5468

Rectangle

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



21.5744, 24.7889, 15.2029



18.8319, 24.7889, 22.6679



25.6662, 24.7889, 43.6902



29.0224, 24.7889, 31.8313

Sweetspot

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



21.5750, 24.7900, 15.2034



41.9190, 45.3725, 42.0291



17.8609, 16.1385, 13.7293



9.5963, 10.4281, 9.4304



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.



21.5750, 24.7900, 15.2034



36.9760, 43.2430, 22.8819



18.5360, 23.2233, 15.0612



5.3734, 5.8152, 5.3916



15.6429, 20.4342, 3.1197



0.1116, 0.1397, 0.0211

Inverse Universe

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



14.6957, 13.5130, 26.6460



22.8359, 20.0575, 46.4109



17.3998, 14.9070, 26.7726



4.8264, 4.9190, 6.3009



4.4162, 1.7908, 22.1586



0.0355, 0.0151, 0.1475

Previews

White Background



This preview shows how the XYZ color 21.5744, 24.7889, 15.2029 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 21.5744, 24.7889, 15.2029 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

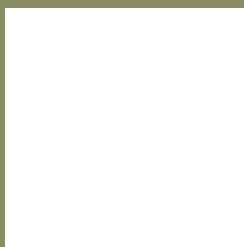
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5744, 24.7889, 15.2029

Background



This preview shows how black text looks on a background with the XYZ color 21.5744, 24.7889, 15.2029.



This preview shows how white text looks on a background with the XYZ color 21.5744, 24.7889,

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

21.5744, 24.7889, 15.2029

Protanopia

22.9481, 24.6559, 14.6159

Deuteranopia

25.1145, 24.7298, 15.5062



Tritanopia

24.6204, 24.7572, 30.2691

Trichromacy



Original Color

21.5744, 24.7889, 15.2029

Protanomaly

22.4310, 24.5940, 14.8741

Deuteranomaly

23.7261, 24.6264, 15.3073

Tritanomaly

23.3479, 24.6558, 23.9506

Monochromacy



Original Color

21.5744, 24.7889, 15.2029

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0869, 24.0571, 21.5685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5744, 24.7889, 15.2029 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(135, 140, 98)` looks like.

```
.text, #text, p{  
    color:rgb(135, 140, 98)  
}
```

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(135, 140, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 140, 98) }
```

Border

The CSS property to change the border of an element to XYZ 21.5744, 24.7889, 15.2029 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(135, 140, 98) }
```


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

```
.border{ border-color:rgb(135, 140, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 140, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 140, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 140, 98);  
box-shadow:4px 4px 4px 4px rgb(135, 140,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5744, 24.7889, 15.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 140, 98) }
```

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

```
.background{ background-color: rgb(135,  
140, 98) }
```

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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