

Converting Colors

XYZ(21.5172, 26.3530, 22.7266)

Have a look what the booklet for
XYZ(21.5172, 26.3530, 22.7266)
contains.

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Color

**XYZ(21.5012, 26.3918,
22.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	75947B
RGB	117, 148, 123
RGB Percent	46%, 58%, 48%
CMY	0.5412, 0.4196, 0.5176
CMYK	0.21, 0.00, 0.17, 0.42
HSL	132°, 13%, 52%
HSV	132°, 21%, 58%
XYZ	21.5012, 26.3918, 22.6998
YIQ	135.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

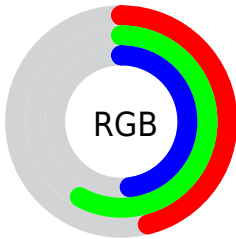
Format	Color
R_{YB}	117, 143, 148
Decimal	7705723
CIE _{Lab}	58.41, -16.06, 9.70
CIE _{LCh}	58, 18.763, 148.880
Yxy	26.3918, 0.3046, 0.3739
Android (android.graphics.Color)	4285895803 (0xFF75947B)
YUV	135.8810, -6.3503, -16.5586
Hunter-Lab	51.3730, -15.1948, 9.7630

Details

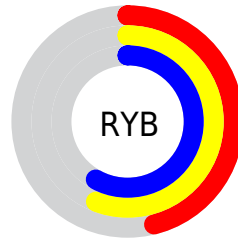
The XYZ color **21.5012, 26.3918, 22.6998** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4575, 20.9721, 28.4041**, and the grayscale version is **23.3836, 24.6014, 26.7909**.

A 20% lighter version of the original color is **45.2206, 53.7712, 48.5529**, and **7.8946, 10.2727, 8.0453** is the 20% darker color. If you saturate the color by 10%, you get **18.9655, 25.1665, 18.9159**, and if you desaturate by 10%, it is **24.4439, 27.8179, 26.9795**.

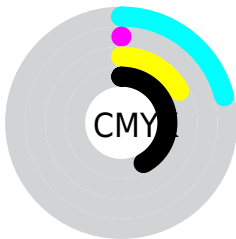
Distribution



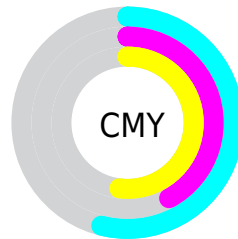
- Red (46%)
- Green (58%)
- Blue (48%)



- Red (46%)
- Yellow (56%)
- Blue (58%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5012, 26.3918, 22.6998 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 21.5012, 26.3918, 22.6998 by changing the saturation by 10% instead.

■ 21.5012, 26.3918,
22.6998

■ 21.5012, 26.3918,
22.6998

252.6118,
284.7001, 279.2511

■ 13.6054, 17.1170,
14.1688

■ 45.4052, 53.9063,
48.8169

■ 7.9266, 10.3179,
8.0981

■ 62.1441, 72.9149,
67.2400

■ 4.0994, 5.6103,
4.0691

■ 82.5615, 95.9367,
89.7976

■ 1.7585, 2.6096,
1.6633

107.0226,
123.3563, 116.9081

■ 0.4925, 0.9315,
0.3354

135.8928,
155.5581, 148.9902

■ 0.0000, 0.0000,
0.0000

169.5375,

192.9264, 186.4624

208.3221,
235.8456, 229.7432

■ 21.5012, 26.3918,
22.6998

■ 21.5012, 26.3918,
22.6998

■ 18.9655, 25.1665,
18.9159

■ 24.4439, 27.8179,
26.9795

■ 16.8167, 24.1297,
15.6081

■ 27.8082, 29.4497,
31.7703

■ 15.0361, 23.2730,
12.7580

■ 31.6110, 31.2963,
37.0887

■ 13.6026, 22.5859,
10.3456

■ 35.8671, 33.3651,
42.9503

■ 12.4929, 22.0569,
8.3489

■ 40.5910, 35.6632,
49.3699

■ 11.6809, 21.6730,
6.7445

■ 45.7964, 38.1973,
56.3617

■ 11.1361, 21.4190,
5.5062

■ 51.4964, 40.9739,
63.9395

■ 10.8078, 21.2678,
4.6750

■ 57.7037, 43.9994,
72.1165

■ 64.4305, 47.2796,
80.9055

Harmonies

Analogous

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



23.0178, 26.3918, 19.0492



21.5012, 26.3918, 22.6998



20.9353, 26.3918, 28.4905

Triad

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



21.5012, 26.3918, 22.6998



24.9987, 26.3918, 43.2758



29.1405, 26.3918, 23.0664

Complementary

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



21.5012, 26.3918, 22.6998



23.4575, 20.9721, 28.4041

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.



29.7489, 26.3918, 28.9833



21.5012, 26.3918, 22.6998



27.2716, 26.3918, 41.2511

Square

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



21.5012, 26.3918, 22.6998



22.8773, 26.3918, 40.9384



29.0456, 26.3918, 35.7578



27.4295, 26.3918, 19.2371

Rectangle

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



21.5012, 26.3918, 22.6998



21.1452, 26.3918, 33.0124



29.0456, 26.3918, 35.7578



29.4852, 26.3918, 24.8462

Sweetspot

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



21.5019, 26.3929, 22.7004



45.8985, 50.4243, 51.5675



25.0116, 28.2443, 20.9634



10.4002, 11.4732, 11.6614



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.5019, 26.3929, 22.7004



35.8132, 45.5392, 36.9058



22.5276, 26.8032, 28.1016



5.7728, 6.4857, 6.4142



9.2393, 18.1685, 4.0358



0.1215, 0.2258, 0.0939

Inverse Universe

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



23.4575, 20.9721, 28.4041



39.8802, 34.2626, 48.7654



22.3937, 20.5466, 22.8023



5.9877, 5.8901, 7.0413



13.3036, 6.5265, 15.6117



0.1727, 0.0838, 0.2433

Previews

White Background



This preview shows how the XYZ color 21.5012, 26.3918, 22.6998 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 21.5012, 26.3918, 22.6998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

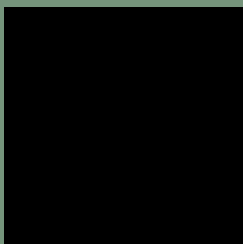
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5012, 26.3918, 22.6998

Background



This preview shows how black text looks on a background with the XYZ color 21.5012, 26.3918, 22.6998.



This preview shows how white text looks on a background with the XYZ color 21.5012, 26.3918,

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

21.5012, 26.3918, 22.6998

Protanopia

24.7405, 26.2911, 21.2235

Deuteranopia

26.7279, 26.2052, 23.3881



Tritanopia

24.0580, 26.5240, 34.8620

Trichromacy



Original Color

21.5012, 26.3918, 22.6998

Protanomaly

23.3660, 26.2352, 21.6017

Deuteranomaly

24.5814, 26.1661, 23.1570

Tritanomaly

22.9685, 26.2989, 29.8522

Monochromacy



Original Color

21.5012, 26.3918, 22.6998

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.5281, 25.0620, 25.1228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5012, 26.3918, 22.6998 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(117, 148, 123)` looks like.

```
.text, #text, p{  
    color:rgb(117, 148, 123)  
}
```

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(117, 148, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 148, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.5012, 26.3918, 22.6998 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(117, 148, 123) }
```


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

```
.border{ border-color:rgb(117, 148, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 148, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 148, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 148, 123);  
box-shadow:4px 4px 4px 4px rgb(117, 148,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5012, 26.3918, 22.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 148, 123) }
```

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

```
.background{ background-color: rgb(117,  
148, 123) }
```

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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