

Converting Colors

XYZ(21.3443, 25.4380, 18.9424)

Have a look what the booklet for
XYZ(21.3443, 25.4380, 18.9424)
contains.

XYZ(21.2999, 25.4542, 18.8294)	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(21.2999, 25.4542,
18.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	7D906F
RGB	125, 144, 111
RGB Percent	49%, 56%, 44%
CMY	0.5098, 0.4353, 0.5647
CMYK	0.13, 0.00, 0.23, 0.44
HSL	95°, 13%, 50%
HSV	95°, 23%, 56%
XYZ	21.2999, 25.4542, 18.8294
YIQ	134.5570, -0.7310, -14.2910

Conversions

Conversions Part 2

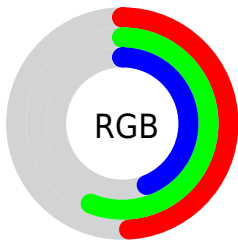
Format	Color
R_{YB}	111, 144, 130
Decimal	8228975
CIE _{Lab}	57.52, -13.17, 15.32
CIE _{LCh}	58, 20.208, 130.683
Yxy	25.4542, 0.3248, 0.3881
Android (android.graphics.Color)	4286419055 (0xFF7D906F)
YUV	134.5570, -11.6136, -8.3815
Hunter-Lab	50.4522, -12.9321, 13.1887

Details

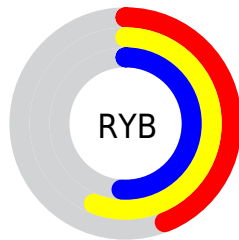
The XYZ color **21.2999, 25.4542, 18.8294** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.9255, 18.1290, 28.8361**, and the grayscale version is **22.9075, 24.1004, 26.2454**.

A 20% lighter version of the original color is **45.1650, 52.4975, 42.4029**, and **7.8804, 9.9008, 6.1983** is the 20% darker color. If you saturate the color by 10%, you get **19.4099, 24.5650, 14.9304**, and if you desaturate by 10%, it is **23.4202, 26.4489, 23.4075**.

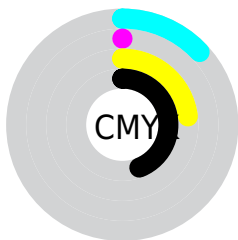
Distribution



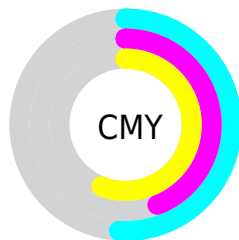
- Red (49%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (51%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2999, 25.4542, 18.8294 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 21.2999, 25.4542, 18.8294 by changing the saturation by 10% instead.

■ 21.2999, 25.4542,
18.8294

■ 21.2999, 25.4542,
18.8294

251.5697,
280.0924, 257.8966

■ 13.4571, 16.4158,
11.3715

■ 45.0736, 52.3931,
42.2785

■ 7.8232, 9.8188,
6.2000

■ 61.7353, 71.0624,
59.1067

■ 4.0329, 5.2790,
2.8963

■ 82.0673, 93.7107,
79.8956

■ 1.7208, 2.4119,
1.0419

■ 106.4350,
120.7226, 105.0634

■ 0.4692, 0.8320,
0.0000

135.2037,
152.4822, 135.0289

■ 0.0000, 0.0000,
0.0000

168.7388,

189.3742, 170.2106

207.4057,
231.7828, 211.0270

■ 21.2999, 25.4542,
18.8294

■ 21.2999, 25.4542,
18.8294

■ 19.4099, 24.5650,
14.9304

■ 23.4202, 26.4489,
23.4075

■ 17.7395, 23.7742,
11.6766

■ 25.7769, 27.5493,
28.6933

■ 16.2804, 23.0789,
9.0335

■ 28.3783, 28.7597,
34.7157

■ 15.0225, 22.4750,
6.9629

■ 31.2316, 30.0834,
41.5014

■ 13.9551, 21.9577,
5.4222

■ 34.3439, 31.5234,
49.0758

■ 13.0661, 21.5219,
4.3627

■ 37.7217, 33.0826,
57.4633

■ 12.3414, 21.1617,
3.7270

■ 41.3716, 34.7638,
66.6871

■ 11.9034, 20.9424,
3.4149

■ 45.2998, 36.5698,
76.7694

■ 49.5121, 38.5031,
87.7318

Harmonies

Analogous

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



23.3455, 25.4542, 16.6234



21.2999, 25.4542, 18.8294



20.0831, 25.4542, 23.5576

Triad

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



21.2999, 25.4542, 18.8294



22.6944, 25.4542, 42.2014



29.0328, 25.4542, 25.3298

Complementary

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



21.2999, 25.4542, 18.8294



19.9255, 18.1290, 28.8361

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.



28.8296, 25.4542, 32.3355



21.2999, 25.4542, 18.8294



25.0617, 25.4542, 42.8887

Square

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



21.2999, 25.4542, 18.8294



20.8505, 25.4542, 37.2856



27.3379, 25.4542, 39.0318



27.8759, 25.4542, 19.9411

Rectangle

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



21.2999, 25.4542, 18.8294



19.8541, 25.4542, 27.8737



27.3379, 25.4542, 39.0318



29.1231, 25.4542, 27.5575

Sweetspot

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



21.3006, 25.4553, 18.8300



43.6538, 47.7445, 46.5106



22.3146, 22.9636, 18.2956



9.9629, 10.9265, 10.5584



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.



21.3006, 25.4553, 18.8300



35.6324, 43.9847, 29.1764



19.5215, 24.5240, 19.3870



5.5462, 6.1342, 5.7811



10.3910, 18.2494, 2.9748



0.1237, 0.1870, 0.0296

Inverse Universe

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



19.9255, 18.1290, 28.8361



32.7261, 28.5063, 50.3154



22.0545, 19.2458, 28.0663



5.4082, 5.3986, 6.7858



7.5111, 3.3657, 23.2308



0.0971, 0.0452, 0.2233

Previews

White Background



This preview shows how the XYZ color 21.2999, 25.4542, 18.8294 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 21.2999, 25.4542, 18.8294 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 21.2999, 25.4542, 18.8294

Background



This preview shows how black text looks on a background with the XYZ color 21.2999, 25.4542, 18.8294.



This preview shows how white text looks on a background with the XYZ color 21.2999, 25.4542,

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

21.2999, 25.4542, 18.8294

Protanopia

23.8279, 25.4627, 17.8463

Deuteranopia

25.8654, 25.4409, 19.1701



Tritanopia

24.0977, 25.4925, 32.5046

Trichromacy



Original Color

21.2999, 25.4542, 18.8294

Protanomaly

22.7859, 25.3493, 18.1600

Deuteranomaly

23.9029, 25.2642, 18.9459

Tritanomaly

23.0221, 25.4945, 27.0001

Monochromacy



Original Color

21.2999, 25.4542, 18.8294

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2144, 24.5086, 23.2985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2999, 25.4542, 18.8294 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(125, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(125, 144, 111)  
}
```

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(125, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 144, 111) }
```

Border

The CSS property to change the border of an element to XYZ 21.2999, 25.4542, 18.8294 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(125, 144, 111) }
```


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

```
.border{ border-color:rgb(125, 144, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 144, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 144, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 144, 111);  
box-shadow:4px 4px 4px 4px rgb(125, 144,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2999, 25.4542, 18.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 144, 111) }
```

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

```
.background{ background-color: rgb(125,  
144, 111) }
```

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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