

Converting Colors

XYZ(22.1561, 26.4581, 23.4113)

Have a look what the booklet for
XYZ(22.1561, 26.4581, 23.4113)
contains.

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Color

**XYZ(22.1614, 26.4857,
23.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	7A937D
RGB	122, 147, 125
RGB Percent	48%, 58%, 49%
CMY	0.5216, 0.4235, 0.5098
CMYK	0.17, 0.00, 0.15, 0.42
HSL	127°, 10%, 53%
HSV	127°, 17%, 58%
XYZ	22.1614, 26.4857, 23.3463
YIQ	137.0170, -7.8380, -12.1420

Conversions

Conversions Part 2

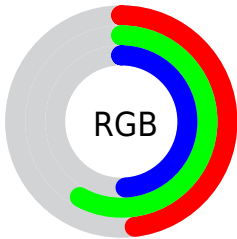
Format	Color
R_{YB}	122, 144, 147
Decimal	8033149
CIE Lab	58.50, -13.36, 8.73
CIE LCh	58, 15.958, 146.818
Yxy	26.4857, 0.3078, 0.3679
Android (android.graphics.Color)	4286223229 (0xFF7A937D)
YUV	137.0170, -5.9244, -13.1699
Hunter-Lab	51.4643, -13.1973, 9.1286

Details

The XYZ color **22.1614, 26.4857, 23.3463** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0271, 22.1362, 29.3930**, and the grayscale version is **23.8087, 25.0486, 27.2779**.

A 20% lighter version of the original color is **46.6017, 54.1016, 50.1060**, and **8.2350, 10.3040, 8.3923** is the 20% darker color. If you saturate the color by 10%, you get **19.4621, 25.1843, 19.1836**, and if you desaturate by 10%, it is **25.2847, 27.9948, 28.0919**.

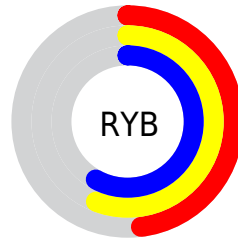
Distribution



Red (48%)

Green (58%)

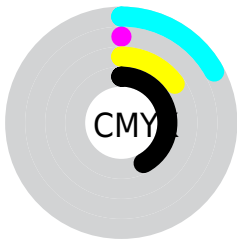
Blue (49%)



Red (48%)

Yellow (56%)

Blue (58%)

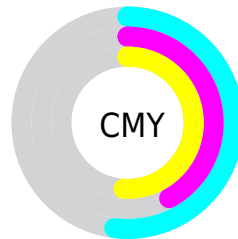


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1614, 26.4857, 23.3463 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 22.1614, 26.4857, 23.3463 by changing the saturation by 10% instead.

■ 22.1614, 26.4857,
23.3463

■ 22.1614, 26.4857,
23.3463

256.0045,
285.1583, 282.6781

■ 14.0928, 17.1873,
14.6417

■ 46.4895, 54.0575,
49.8917

■ 8.2674, 10.3682,
8.4245

■ 63.4797, 73.0997,
68.5696

■ 4.3198, 5.6437,
4.2761

■ 84.1745, 96.1586,
91.4091

■ 1.8846, 2.6297,
1.7780

108.9392,
123.6187, 118.8286

■ 0.5678, 0.9416,
0.4134

138.1392,
155.8643, 151.2467

■ 0.0000, 0.0000,
0.0000

172.1399,

193.2798, 189.0819

211.3065,
236.2497, 232.7529

■ 22.1614, 26.4857,
23.3463

■ 22.1614, 26.4857,
23.3463

■ 19.4621, 25.1843,
19.1836

■ 25.2847, 27.9948,
28.0919

■ 17.1664, 24.0782,
15.5796

■ 28.8470, 29.7165,
33.4397

■ 15.2554, 23.1590,
12.5111

■ 32.8651, 31.6599,
39.4106

■ 13.7080, 22.4163,
9.9524

■ 37.3543, 33.8325,
46.0236

■ 12.5010, 21.8387,
7.8761

■ 42.3294, 36.2414,
53.2971

■ 11.6082, 21.4135,
6.2517

■ 47.8043, 38.8935,
61.2488

■ 11.0000, 21.1261,
5.0455

■ 53.7923, 41.7953,
69.8956

■ 10.6295, 20.9530,
4.2188

■ 60.3065, 44.9531,
79.2538

■ 10.5405, 20.9110,
4.0378

■ 67.3593, 48.3730,
89.3394

Harmonies

Analogous

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



23.5182, 26.4857, 20.2697



22.1614, 26.4857, 23.3463



21.6092, 26.4857, 28.2458

Triad

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



22.1614, 26.4857, 23.3463



24.9661, 26.4857, 40.9577



28.6743, 26.4857, 24.2556

Complementary

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



22.1614, 26.4857, 23.3463



24.0271, 22.1362, 29.3930

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.



29.1105, 26.4857, 29.4392



22.1614, 26.4857, 23.3463



26.9055, 26.4857, 39.5346

Square

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



22.1614, 26.4857, 23.3463



23.1750, 26.4857, 38.8029



28.4477, 26.4857, 35.1307



27.2845, 26.4857, 20.7450

Rectangle

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



22.1614, 26.4857, 23.3463



21.7493, 26.4857, 32.0617



28.4477, 26.4857, 35.1307



28.9403, 26.4857, 25.8388

Sweetspot

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



22.1621, 26.4868, 23.3469



46.4331, 50.6899, 52.0467



25.4638, 28.2107, 22.5156



10.5107, 11.5284, 11.7470



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.



22.1621, 26.4868, 23.3469



37.9586, 46.5976, 39.1570



23.0058, 26.8243, 27.7899



5.7562, 6.4791, 6.3273



9.1430, 18.1300, 3.5287



0.1174, 0.2241, 0.0722

Inverse Universe

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



24.0271, 22.1362, 29.3930



41.8732, 37.4646, 51.8471



23.1293, 21.7772, 24.6655



6.0057, 5.8973, 7.1360



13.8935, 6.7625, 18.7179



0.1769, 0.0855, 0.2649

Previews

White Background



This preview shows how the XYZ color 22.1614, 26.4857, 23.3463 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 22.1614, 26.4857, 23.3463 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 22.1614, 26.4857, 23.3463

Background



This preview shows how black text looks on a background with the XYZ color 22.1614, 26.4857, 23.3463.



This preview shows how white text looks on a background with the XYZ color 22.1614, 26.4857,

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

22.1614, 26.4857, 23.3463

Protanopia

24.8619, 26.3397, 21.8629

Deuteranopia

26.7928, 26.2312, 23.7297



Tritanopia

24.4076, 26.4900, 34.3985

Trichromacy



Original Color

22.1614, 26.4857, 23.3463

Protanomaly

23.8165, 26.4533, 22.2631

Deuteranomaly

24.8526, 26.0826, 23.4632

Tritanomaly

23.3886, 26.2897, 29.8283

Monochromacy



Original Color

22.1614, 26.4857, 23.3463

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2742, 25.6487, 25.9143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1614, 26.4857, 23.3463 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(122, 147, 125)` looks like.

```
.text, #text, p{  
    color:rgb(122, 147, 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(122, 147, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 147, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.1614, 26.4857, 23.3463 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(122, 147, 125) }
```


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

```
.border{ border-color:rgb(122, 147, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 147, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 147, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 147, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 147,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1614, 26.4857, 23.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 147, 125) }
```

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

```
.background{ background-color: rgb(122,  
147, 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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