

Converting Colors

XYZ(21.2228, 25.1815, 23.4109)

Have a look what the booklet for
XYZ(21.2228, 25.1815, 23.4109)
contains.

XYZ(21.1961, 25.0732, 23.4611)	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(21.1961, 25.0732,
23.4611)**

Conversions

Conversions Part 1

Format	Color
Hex	778F7E
RGB	119, 143, 126
RGB Percent	47%, 56%, 49%
CMY	0.5333, 0.4392, 0.5059
CMYK	0.17, 0.00, 0.12, 0.44
HSL	137°, 10%, 51%
HSV	137°, 17%, 56%
XYZ	21.1961, 25.0732, 23.4611
YIQ	133.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

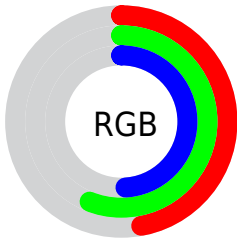
Format	Color
R_{YB}	119, 138, 143
Decimal	7835518
CIE _{Lab}	57.15, -12.08, 6.21
CIE _{LCh}	57, 13.582, 152.778
Yxy	25.0732, 0.3040, 0.3596
Android (android.graphics.Color)	4286025598 (0xFF778F7E)
YUV	133.8860, -3.8878, -13.0550
Hunter-Lab	50.0731, -12.0685, 7.2717

Details

The XYZ color **21.1961, 25.0732, 23.4611** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3693, 20.8115, 26.1317**, and the grayscale version is **22.6348, 23.8136, 25.9330**.

A 20% lighter version of the original color is **44.8975, 51.8451, 50.2886**, and **7.7797, 9.6666, 8.4770** is the 20% darker color. If you saturate the color by 10%, you get **18.7584, 23.8890, 20.1061**, and if you desaturate by 10%, it is **23.9967, 26.4383, 27.1797**.

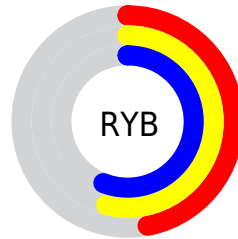
Distribution



Red (47%)

Green (56%)

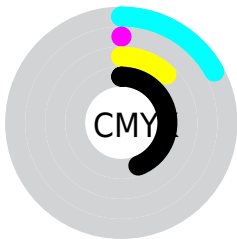
Blue (49%)



Red (47%)

Yellow (54%)

Blue (56%)

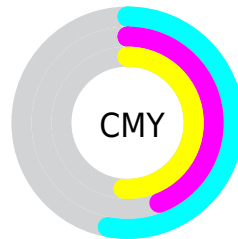


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (44%)



Cyan (53%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1961, 25.0732, 23.4611 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 21.1961, 25.0732, 23.4611 by changing the saturation by 10% instead.

■ 21.1961, 25.0732,
23.4611

■ 21.1961, 25.0732,
23.4611

251.0309,
278.2023, 283.2828

■ 13.3807, 16.1316,
14.7259

■ 44.9025, 51.7759,
50.0821

■ 7.7700, 9.6173,
8.4827

■ 61.5242, 70.3059,
68.8049

■ 3.9987, 5.1460,
4.3132

■ 81.8120, 92.8007,
91.6941

■ 1.7014, 2.3332,
1.7987

106.1314,
119.6449, 119.1680

■ 0.4571, 0.7912,
0.4271

134.8476,
151.2227, 151.6453

■ 0.0000, 0.0000,
0.0000

168.3260,

187.9186, 189.5445

206.9320,
230.1170, 233.2842

■ 21.1961, 25.0732,
23.4611

■ 21.1961, 25.0732,
23.4611

■ 18.7584, 23.8890,
20.1061

■ 23.9967, 26.4383,
27.1797

■ 16.6665, 22.8749,
17.1022

■ 27.1723, 27.9881,
31.2706

■ 14.9049, 22.0239,
14.4383

■ 30.7372, 29.7305,
35.7446

■ 13.4559, 21.3271,
12.1024

■ 34.7040, 31.6719,
40.6112

■ 12.3005, 20.7750,
10.0817

■ 39.0848, 33.8182,
45.8798

■ 11.4171, 20.3567,
8.3624

■ 43.8915, 36.1754,
51.5593

■ 10.7813, 20.0600,
6.9299

■ 49.1351, 38.7490,
57.6584

■ 10.3534, 19.8647,
5.7675

■ 54.8264, 41.5444,
64.1857

■ 10.2356, 19.8109,
5.4474

■ 60.9758, 44.5668,
71.1492

Harmonies

Analogous

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



22.2025, 25.0732, 20.5356



21.1961, 25.0732, 23.4611



20.8855, 25.0732, 27.7303

Triad

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



21.1961, 25.0732, 23.4611



23.9809, 25.0732, 37.0925



26.5158, 25.0732, 22.7980

Complementary

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



21.1961, 25.0732, 23.4611



22.3693, 20.8115, 26.1317

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.



27.0419, 25.0732, 26.8751



21.1961, 25.0732, 23.4611



25.5380, 25.0732, 35.4084

Square

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



21.1961, 25.0732, 23.4611



22.4500, 25.0732, 35.9194



26.6764, 25.0732, 31.5374



25.2681, 25.0732, 20.1839

Rectangle

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



21.1961, 25.0732, 23.4611



21.1029, 25.0732, 30.8599



26.6764, 25.0732, 31.5374



26.7853, 25.0732, 24.0258

Sweetspot

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



21.1968, 25.0743, 23.4617



43.8793, 47.7869, 49.8549



23.3390, 26.2290, 21.2857



9.9839, 10.9203, 11.3305



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.



21.1968, 25.0743, 23.4617



36.2961, 44.0934, 39.7538



22.0040, 25.3971, 27.7123



5.4036, 6.0536, 6.0910



9.0580, 17.5191, 4.8599



0.0953, 0.1710, 0.0920

Inverse Universe

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



22.3693, 20.8115, 26.1317



38.7876, 35.0341, 45.4260



21.5760, 20.4942, 21.9543



5.5601, 5.4846, 6.4476



12.1149, 6.0030, 11.5225



0.1254, 0.0612, 0.1608

Previews

White Background



This preview shows how the XYZ color 21.1961, 25.0732, 23.4611 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 21.1961, 25.0732, 23.4611 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 21.1961, 25.0732, 23.4611

Background



This preview shows how black text looks on a background with the XYZ color 21.1961, 25.0732, 23.4611.



This preview shows how white text looks on a background with the XYZ color 21.1961, 25.0732,

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

21.1961, 25.0732, 23.4611

Protanopia

23.7070, 24.8780, 22.2913

Deuteranopia

25.2844, 24.8333, 23.8828



Tritanopia

22.9869, 24.9106, 32.8748

Trichromacy



Original Color

21.1961, 25.0732, 23.4611

Protanomaly

22.7022, 24.9888, 22.6956

Deuteranomaly

23.6194, 24.8033, 23.6213

Tritanomaly

22.2866, 24.8467, 29.2125

Monochromacy



Original Color

21.1961, 25.0732, 23.4611

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0957, 24.1971, 24.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1961, 25.0732, 23.4611 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(119, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(119, 143, 126)  
}
```

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(119, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 21.1961, 25.0732, 23.4611 is called "border". The border property can be set on classes, ids or directly on the HTML element.

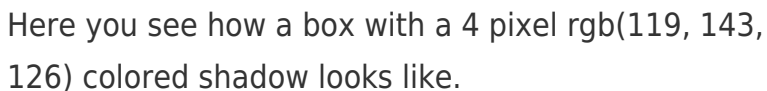
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 143, 126) }
```


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

```
.border{ border-color:rgb(119, 143, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 143, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 143, 126); box-shadow:4px 4px 4px 4px rgb(119, 143, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1961, 25.0732, 23.4611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 143, 126) }
```

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

```
.background{ background-color: rgb(119,  
143, 126) }
```

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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