

Converting Colors

XYZ(21.7543, 23.7112, 10.6379)

Have a look what the booklet for
XYZ(21.7543, 23.7112, 10.6379)
contains.

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Color

**XYZ(21.7543, 23.7112,
10.6379)**

Conversions

Conversions Part 1

Format	Color
Hex	92864E
RGB	146, 134, 78
RGB Percent	57%, 53%, 31%
CMY	0.4275, 0.4745, 0.6941
CMYK	0.00, 0.08, 0.47, 0.43
HSL	49°, 30%, 44%
HSV	49°, 47%, 57%
XYZ	21.7543, 23.7112, 10.6379
YIQ	131.2040, 25.1280, -14.8720

Conversions

Conversions Part 2

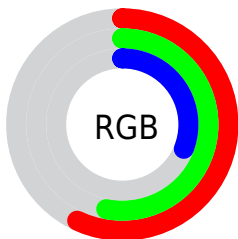
Format	Color
R_{YB}	93, 146, 78
Decimal	9602638
CIE Lab	55.80, -3.62, 31.67
CIE LCh	56, 31.881, 96.527
Yxy	23.7112, 0.3878, 0.4226
Android (android.graphics.Color)	4287792718 (0xFF92864E)
YUV	131.2040, -26.2296, 12.9761
Hunter-Lab	48.6941, -5.4692, 21.1332

Details

The XYZ color **21.7543, 23.7112, 10.6379** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.9863, 11.0071, 28.6869**, and the grayscale version is **21.7314, 22.8631, 24.8979**.

A 20% lighter version of the original color is **45.7540, 49.5167, 27.5683**, and **8.1119, 8.9756, 2.6012** is the 20% darker color. If you saturate the color by 10%, you get **20.9364, 22.8222, 8.0634**, and if you desaturate by 10%, it is **22.6982, 24.6663, 13.8284**.

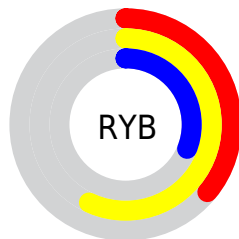
Distribution



Red (57%)

Green (53%)

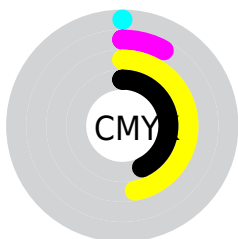
Blue (31%)



Red (36%)

Yellow (57%)

Blue (31%)

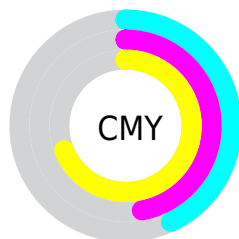


Cyan (0%)

Magenta (8%)

Yellow (47%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7543, 23.7112, 10.6379 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 21.7543, 23.7112, 10.6379 by changing the saturation by 10% instead.

■ 21.7543, 23.7112,
10.6379

■ 21.7543, 23.7112,
10.6379

253.9170,
271.3571, 205.8136

■ 13.7921, 15.1195,
5.7128

■ 45.8215, 49.5585,
27.6150

■ 8.0569, 8.9033,
2.6053

■ 62.6571, 67.5829,
40.5040

■ 4.1835, 4.6782,
0.8952

■ 83.1812, 89.5204,
56.8848

■ 1.8065, 2.0597,
0.0000

■ 107.7592,
115.7553, 77.1758

■ 0.5216, 0.6418,
0.0000

■ 136.7565,
146.6720, 101.7957

■ 0.0000, 0.0000,
0.0000

170.5383,

182.6550, 131.1630

209.4700,
224.0886, 165.6961

■ 21.7543, 23.7112,
10.6379

■ 21.7543, 23.7112,
10.6379

■ 20.9364, 22.8222,
8.0634

■ 22.6982, 24.6663,
13.8284

■ 20.2351, 21.9927,
6.0624

■ 23.7736, 25.6870,
17.6707

■ 19.6420, 21.2202,
4.5893

■ 24.9876, 26.7772,
22.1996

■ 19.1470, 20.5005,
3.5912

■ 26.3464, 27.9396,
27.4468

■ 18.7340, 19.8271,
2.9833

■ 27.8555, 29.1763,
33.4423

■ 18.5997, 19.6024,
2.8033

■ 29.5206, 30.4897,
40.2144

■ 31.3466, 31.8820,
47.7895

■ 33.3384, 33.3551,
56.1934

■ 35.5008, 34.9111,
65.4501

Harmonies

Analogous

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



25.4265, 23.7112, 11.5028



21.7543, 23.7112, 10.6379



18.6402, 23.7112, 12.8768

Triad

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



21.7543, 23.7112, 10.6379



17.3904, 23.7112, 39.6030



29.5481, 23.7112, 34.6057

Complementary

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



21.7543, 23.7112, 10.6379



11.9863, 11.0071, 28.6869

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.



26.9417, 23.7112, 45.3927



21.7543, 23.7112, 10.6379



19.8748, 23.7112, 48.7765

Square

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



21.7543, 23.7112, 10.6379



16.3010, 23.7112, 28.1519



23.3378, 23.7112, 51.1388



30.1890, 23.7112, 23.6158

Rectangle

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



21.7543, 23.7112, 10.6379



17.2119, 23.7112, 16.3045



23.3378, 23.7112, 51.1388



28.8601, 23.7112, 38.4560

Sweetspot

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



21.7549, 23.7123, 10.6384



44.6073, 47.6965, 41.1693



16.4440, 12.3062, 11.2863



9.8241, 10.5242, 8.7798



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.



21.7549, 23.7123, 10.6384



36.8598, 40.1764, 14.0014



20.0340, 25.4278, 11.0602



6.1793, 6.5724, 6.1834



16.3823, 17.2790, 2.4717



0.2189, 0.2482, 0.0364

Inverse Universe

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



11.9863, 11.0071, 28.6869



17.4416, 14.9395, 49.9379



13.1170, 10.2072, 28.4730



5.5773, 5.7886, 7.2931



4.8985, 2.4917, 24.1538



0.0754, 0.0614, 0.3008

Previews

White Background



This preview shows how the XYZ color 21.7543, 23.7112, 10.6379 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 21.7543, 23.7112, 10.6379 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

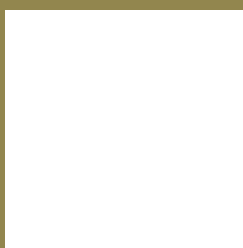
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7543, 23.7112, 10.6379

Background



This preview shows how black text looks on a background with the XYZ color 21.7543, 23.7112, 10.6379.



This preview shows how white text looks on a background with the XYZ color 21.7543, 23.7112,

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

21.7543, 23.7112, 10.6379

Protanopia

21.9329, 23.8033, 10.6462

Deuteranopia

24.0307, 23.6842, 10.7021



Tritanopia

25.0536, 23.6603, 26.9133

Trichromacy



Original Color

21.7543, 23.7112, 10.6379

Protanomaly

21.9329, 23.8033, 10.6462

Deuteranomaly

23.1042, 23.5977, 10.7342

Tritanomaly

23.7127, 23.7102, 19.8497

Monochromacy



Original Color

21.7543, 23.7112, 10.6379

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.3292, 22.9066, 18.6265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7543, 23.7112, 10.6379 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(146, 134, 78)` looks like.

```
.text, #text, p{  
    color:rgb(146, 134, 78)  
}
```

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(146, 134, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 134, 78) }
```

Border

The CSS property to change the border of an element to XYZ 21.7543, 23.7112, 10.6379 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(146, 134, 78) }
```


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

```
.border{ border-color:rgb(146, 134, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 134, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 134, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 134, 78);  
box-shadow:4px 4px 4px 4px rgb(146, 134,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7543, 23.7112, 10.6379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 134, 78) }
```

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

```
.background{ background-color: rgb(146,  
134, 78) }
```

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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