

Converting Colors

XYZ(21.5451, 21.7199, 5.7841)

Have a look what the booklet for
XYZ(21.5451, 21.7199, 5.7841)
contains.

XYZ(21.6254, 21.7886, 5.7552)	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(21.6254, 21.7886,
5.7552)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7C2F
RGB	157, 124, 47
RGB Percent	62%, 49%, 18%
CMY	0.3843, 0.5137, 0.8157
CMYK	0.00, 0.21, 0.70, 0.38
HSL	42°, 54%, 40%
HSV	42°, 70%, 62%
XYZ	21.6254, 21.7886, 5.7552
YIQ	125.0890, 44.3850, -16.9510

Conversions

Conversions Part 2

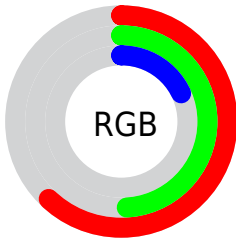
Format	Color
RYB	94, 157, 47
Decimal	10320943
CIELab	53.80, 4.37, 45.29
CIELCh	54, 45.501, 84.486
Yxy	21.7886, 0.4398, 0.4431
Android (android.graphics.Color)	4288511023 (0xFF9D7C2F)
YUV	125.0890, -38.4979, 27.9859
Hunter-Lab	46.6783, 1.0097, 25.3646

Details

The XYZ color **21.6254, 21.7886, 5.7552** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.1268, 8.7758, 33.0584**, and the grayscale version is **19.6386, 20.6614, 22.5002**.

A 20% lighter version of the original color is **45.4146, 46.2099, 17.8351**, and **8.0639, 7.9937, 1.1179** is the 20% darker color. If you saturate the color by 10%, you get **20.7879, 20.5325, 4.1849**, and if you desaturate by 10%, it is **22.6061, 23.1488, 7.9359**.

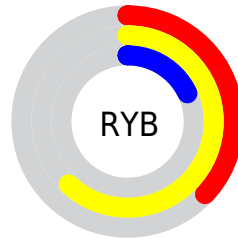
Distribution



Red (62%)

Green (49%)

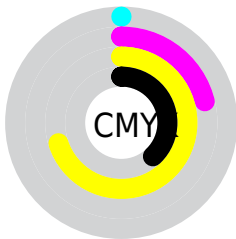
Blue (18%)



Red (37%)

Yellow (62%)

Blue (18%)

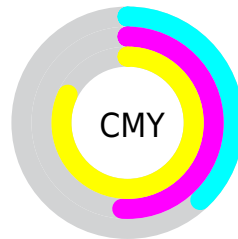


Cyan (0%)

Magenta (21%)

Yellow (70%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6254, 21.7886, 5.7552 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 21.6254, 21.7886, 5.7552 by changing the saturation by 10% instead.

■ 21.6254, 21.7886,
5.7552

■ 21.6254, 21.7886,
5.7552

253.2530,
261.4403, 166.0955

■ 13.6970, 13.7016,
2.6304

■ 45.6096, 46.3964,
17.8894

■ 7.9905, 7.9135,
0.9081

■ 62.3960, 63.6859,
27.7360

■ 4.1406, 4.0396,
0.0000

■ 82.8658, 84.8119,
40.6602

■ 1.7820, 1.6957,
0.0000

■ 107.3844,
110.1585, 57.0807

■ 0.5068, 0.4209,
0.0000

■ 136.3170,
140.1103, 77.4159

■ 0.0000, 0.0000,
0.0000

■ 170.0291,

175.0516, 102.0844

208.8860,
215.3668, 131.5048

■ 21.6254, 21.7886,
5.7552

■ 21.6254, 21.7886,
5.7552

■ 20.7879, 20.5325,
4.1849

■ 22.6061, 23.1488,
7.9359

■ 20.0787, 19.3714,
3.1556

■ 23.7398, 24.6151,
10.7836

■ 19.4702, 18.2994,
2.5059

■ 25.0371, 26.1931,
14.3500

■ 26.5071, 27.8871,
18.6813

■ 28.1582, 29.7011,
23.8196

■ 29.9981, 31.6386,
29.8042

■ 32.0341, 33.7031,
36.6717

■ 34.2731, 35.8980,
44.4565

■ 36.7215, 38.2263,
53.1911

Harmonies

Analogous

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



26.6609, 21.7886, 7.8703



21.6254, 21.7886, 5.7552



17.0542, 21.7886, 6.6951

Triad

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



21.6254, 21.7886, 5.7552



13.2816, 21.7886, 36.7159



29.3373, 21.7886, 43.0396

Complementary

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



21.6254, 21.7886, 5.7552



10.1268, 8.7758, 33.0584

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.



24.8529, 21.7886, 57.6047



21.6254, 21.7886, 5.7552



15.7169, 21.7886, 53.0589

Square

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



21.6254, 21.7886, 5.7552



12.6944, 21.7886, 21.2313



19.8197, 21.7886, 61.8521



31.5401, 21.7886, 26.4047

Rectangle

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



21.6254, 21.7886, 5.7552



14.7986, 21.7886, 9.2394



19.8197, 21.7886, 61.8521



28.0157, 21.7886, 48.5647

Sweetspot

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



21.6259, 21.7897, 5.7556



50.0124, 52.7430, 41.3367



16.3693, 9.7805, 8.6149



10.8354, 11.4215, 8.5625



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.6259, 21.7897, 5.7556



36.4968, 35.5960, 6.3597



22.5618, 29.4701, 7.1888



7.0021, 7.3841, 7.0419



15.8468, 14.9293, 2.0464



0.3183, 0.3368, 0.0482

Inverse Universe

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



10.1268, 8.7758, 33.0584



14.6885, 11.0243, 58.4805



9.5568, 5.7329, 32.5011



6.4389, 6.7435, 8.3689



5.8007, 3.6929, 26.3143



0.1382, 0.1350, 0.4820

Previews

White Background



This preview shows how the XYZ color 21.6254, 21.7886, 5.7552 looks on a white background.

Color Contrast Check

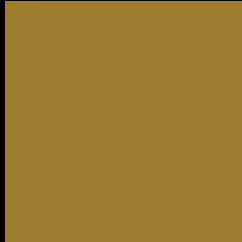
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6254, 21.7886, 5.7552 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 21.6254, 21.7886, 5.7552

Background



This preview shows how black text looks on a background with the XYZ color 21.6254, 21.7886, 5.7552.



This preview shows how white text looks on a background with the XYZ color 21.6254, 21.7886,

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

21.6254, 21.7886, 5.7552

Protanopia

19.8854, 21.8432, 5.9644

Deuteranopia

22.1910, 21.7095, 5.8171



Tritanopia

25.0513, 21.7580, 22.2814

Trichromacy



Original Color

21.6254, 21.7886, 5.7552

Protanomaly

20.5173, 21.7817, 5.9192

Deuteranomaly

22.1137, 21.8529, 5.8488

Tritanomaly

23.4524, 21.6338, 14.2489

Monochromacy



Original Color

21.6254, 21.7886, 5.7552

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8078, 20.8487, 14.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6254, 21.7886, 5.7552 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(157, 124, 47)` looks like.

```
.text, #text, p{  
    color:rgb(157, 124, 47)  
}
```

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(157, 124, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 124, 47) }
```

Border

The CSS property to change the border of an element to XYZ 21.6254, 21.7886, 5.7552 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(157, 124, 47) }
```


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

```
.border{ border-color:rgb(157, 124, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 124, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 124, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 124, 47);  
box-shadow:4px 4px 4px 4px rgb(157, 124,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6254, 21.7886, 5.7552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 124, 47) }
```

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

```
.background{ background-color: rgb(157,  
124, 47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor