

Converting Colors

XYZ(21.2415, 24.9227, 9.6534)

Have a look what the booklet for
XYZ(21.2415, 24.9227, 9.6534)
contains.

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Color

**XYZ(21.3097, 24.9937,
9.6624)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8D47
RGB	139, 141, 71
RGB Percent	55%, 55%, 28%
CMY	0.4549, 0.4470, 0.7216
CMYK	0.01, 0.00, 0.50, 0.45
HSL	62°, 33%, 42%
HSV	62°, 50%, 55%
XYZ	21.3097, 24.9937, 9.6624
YIQ	132.4220, 21.2780, -22.1940

Conversions

Conversions Part 2

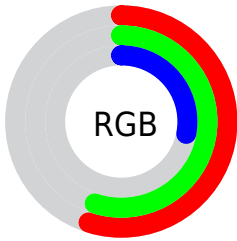
Format	Color
RYB	71, 141, 73
Decimal	9145671
CIELab	57.07, -11.20, 36.77
CIELCh	57, 38.442, 106.945
Yxy	24.9937, 0.3808, 0.4466
Android (android.graphics.Color)	4287335751 (0xFF8B8D47)
YUV	132.4220, -30.2810, 5.7689
Hunter-Lab	49.9937, -11.4038, 23.5365

Details

The XYZ color **21.3097, 24.9937, 9.6624** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.8095, 7.8467, 26.1984**, and the grayscale version is **22.1859, 23.3413, 25.4187**.

A 20% lighter version of the original color is **45.2144, 51.8800, 25.7200**, and **7.8262, 9.5703, 2.2454** is the 20% darker color. If you saturate the color by 10%, you get **20.8417, 24.7996, 7.5464**, and if you desaturate by 10%, it is **21.8842, 25.2322, 12.3326**.

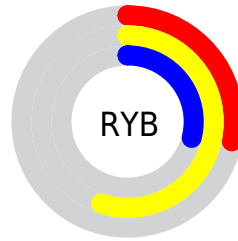
Distribution



Red (55%)

Green (55%)

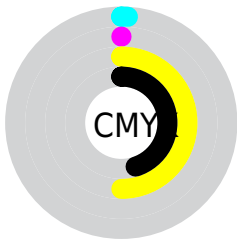
Blue (28%)



Red (28%)

Yellow (55%)

Blue (29%)

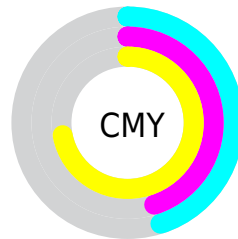


Cyan (1%)

Magenta (0%)

Yellow (50%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3097, 24.9937, 9.6624 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 21.3097, 24.9937, 9.6624 by changing the saturation by 10% instead.

■ 21.3097, 24.9937,
9.6624

■ 21.3097, 24.9937,
9.6624

251.6205,
277.8066, 198.6418

■ 13.4643, 16.0724,
5.0730

■ 45.0898, 51.6470,
25.7564

■ 7.8282, 9.5754,
2.2307

■ 61.7552, 70.1478,
38.0980

■ 4.0361, 5.1183,
0.6920

■ 82.0914, 92.6104,
53.8609

■ 1.7226, 2.3169,
0.0000

■ 106.4636,
119.4194, 73.4634

■ 0.4703, 0.7826,
0.0000

■ 135.2373,
150.9592, 97.3243

■ 0.0000, 0.0000,
0.0000

168.7778,

187.6140, 125.8619

207.4504,
229.7683, 159.4949

■ 21.3097, 24.9937,
9.6624

■ 21.3097, 24.9937,
9.6624

■ 20.8417, 24.7996,
7.5464

■ 21.8842, 25.2322,
12.3326

■ 20.4710, 24.6436,
5.9442

■ 22.5701, 25.5144,
15.5905

■ 20.1899, 24.5234,
4.8125

■ 23.3740, 25.8438,
19.4689

■ 19.9886, 24.4353,
4.1001

■ 24.3017, 26.2228,
23.9976

■ 19.8417, 24.3688,
3.6722

■ 25.3584, 26.6534,
29.2045

■ 19.8366, 24.3665,
3.6577

■ 26.5492, 27.1376,
35.1160

■ 27.8787, 27.6774,
41.7570

■ 29.3515, 28.2746,
49.1511

■ 30.9719, 28.9307,
57.3209

Harmonies

Analogous

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



25.7754, 24.9937, 9.4447



21.3097, 24.9937, 9.6624



17.9497, 24.9937, 13.5032

Triad

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



21.3097, 24.9937, 9.6624



18.2983, 24.9937, 49.7774



33.2770, 24.9937, 33.2383

Complementary

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



21.3097, 24.9937, 9.6624



9.8095, 7.8467, 26.1984

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.



30.6955, 24.9937, 48.0108



21.3097, 24.9937, 9.6624



21.8445, 24.9937, 59.4108

Square

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



21.3097, 24.9937, 9.6624



16.3685, 24.9937, 35.1393



26.3822, 24.9937, 58.6775



33.0861, 24.9937, 20.5799

Rectangle

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



21.3097, 24.9937, 9.6624



16.6172, 24.9937, 18.5771



26.3822, 24.9937, 58.6775



32.6921, 24.9937, 38.1824

Sweetspot

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



21.3103, 24.9948, 9.6629



42.5470, 46.5615, 38.2239



14.4509, 10.7746, 7.2797



9.4360, 10.3723, 8.2110



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.3103, 24.9948, 9.6629



37.2012, 44.3589, 12.9815



16.4694, 22.4992, 9.4364



5.8245, 6.2777, 5.7941



18.0885, 22.2176, 3.3351



0.1761, 0.2140, 0.0320

Inverse Universe

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



9.8095, 7.8467, 26.1984



14.0493, 9.8280, 46.2844



13.1452, 9.5663, 26.3545



5.1430, 5.2619, 6.7733



4.4322, 1.7785, 23.0868



0.0447, 0.0182, 0.2208

Previews

White Background



This preview shows how the XYZ color 21.3097, 24.9937, 9.6624 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 21.3097, 24.9937, 9.6624 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 21.3097, 24.9937, 9.6624

Background



This preview shows how black text looks on a background with the XYZ color 21.3097, 24.9937, 9.6624.



This preview shows how white text looks on a background with the XYZ color 21.3097, 24.9937,

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

21.3097, 24.9937, 9.6624

Protanopia

22.8136, 24.9128, 9.4006

Deuteranopia

25.3671, 24.7845, 9.9255



Tritanopia

25.3781, 24.9613, 29.4670

Trichromacy



Original Color

21.3097, 24.9937, 9.6624

Protanomaly

22.2266, 24.8222, 9.4140

Deuteranomaly

23.6323, 24.6993, 9.8252

Tritanomaly

23.5166, 24.8220, 20.3813

Monochromacy



Original Color

21.3097, 24.9937, 9.6624

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4701, 23.6046, 18.1764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3097, 24.9937, 9.6624 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(139, 141, 71)` looks like.

```
.text, #text, p{  
    color:rgb(139, 141, 71)  
}
```

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(139, 141, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 141, 71) }
```

Border

The CSS property to change the border of an element to XYZ 21.3097, 24.9937, 9.6624 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(139, 141, 71) }
```


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

```
.border{ border-color:rgb(139, 141, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 141, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 141, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 141, 71);  
box-shadow:4px 4px 4px 4px rgb(139, 141,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3097, 24.9937, 9.6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 141, 71) }
```

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

```
.background{ background-color: rgb(139,  
141, 71) }
```

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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