

Converting Colors

XYZ(21.3772, 25.0139, 9.4244)

Have a look what the booklet for
XYZ(21.3772, 25.0139, 9.4244)
contains.

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Color

**XYZ(21.4456, 25.0674,
9.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8D46
RGB	140, 141, 70
RGB Percent	55%, 55%, 27%
CMY	0.4510, 0.4470, 0.7255
CMYK	0.01, 0.00, 0.50, 0.45
HSL	61°, 34%, 41%
HSV	61°, 50%, 55%
XYZ	21.4456, 25.0674, 9.5025
YIQ	132.6070, 22.1950, -22.2930

Conversions

Conversions Part 2

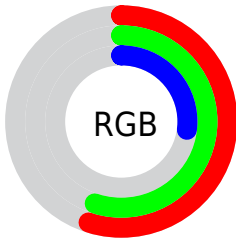
Format	Color
RYB	70, 141, 71
Decimal	9211206
CIELab	57.14, -10.87, 37.39
CIELCh	57, 38.939, 106.208
Yxy	25.0674, 0.3829, 0.4475
Android (android.graphics.Color)	4287401286 (0xFF8C8D46)
YUV	132.6070, -30.8653, 6.4837
Hunter-Lab	50.0674, -11.1601, 23.7942

Details

The XYZ color **21.4456, 25.0674, 9.5025** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.5972, 7.6435, 26.1703**, and the grayscale version is **22.2549, 23.4139, 25.4977**.

A 20% lighter version of the original color is **45.1876, 51.5417, 25.3362**, and **7.9009, 9.6110, 2.1482** is the 20% darker color. If you saturate the color by 10%, you get **21.0185, 24.8936, 7.4259**, and if you desaturate by 10%, it is **21.9785, 25.2854, 12.1307**.

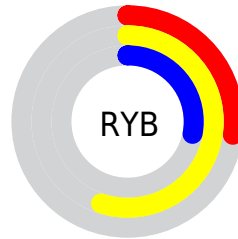
Distribution



Red (55%)

Green (55%)

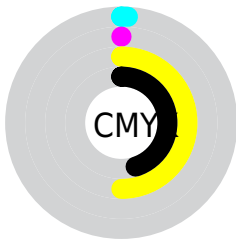
Blue (27%)



Red (27%)

Yellow (55%)

Blue (28%)

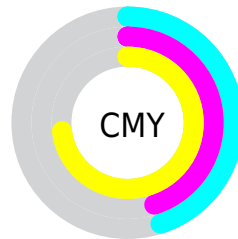


Cyan (1%)

Magenta (0%)

Yellow (50%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4456, 25.0674, 9.5025 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 21.4456, 25.0674, 9.5025 by changing the saturation by 10% instead.

■ 21.4456, 25.0674,
9.5025

■ 21.4456, 25.0674,
9.5025

252.3244,
278.1734, 197.4375

■ 13.5644, 16.1273,
4.9691

■ 45.3137, 51.7665,
25.4485

■ 7.8980, 9.6143,
2.1707

■ 62.0313, 70.2944,
37.6981

■ 4.0810, 5.1440,
0.6574

■ 82.4251, 92.7869,
53.3570

■ 1.7481, 2.3320,
0.0000

■ 106.8604,
119.6284, 72.8435

■ 0.4861, 0.7906,
0.0000

■ 135.7027,
151.2035, 96.5763

■ 0.0000, 0.0000,
0.0000

169.3172,

187.8964, 124.9739

208.0693,
230.0916, 158.4548

■ 21.4456, 25.0674,
9.5025

■ 21.4456, 25.0674,
9.5025

■ 21.0185, 24.8936,
7.4259

■ 21.9785, 25.2854,
12.1307

■ 20.6879, 24.7575,
5.8602

■ 22.6222, 25.5467,
15.3442

■ 20.4462, 24.6569,
4.7616

■ 23.3832, 25.8550,
19.1759

■ 20.2833, 24.5879,
4.0783

■ 24.2675, 26.2127,
23.6559

■ 20.1746, 24.5407,
3.6735

■ 25.2803, 26.6217,
28.8122

■ 26.4265, 27.0841,
34.6712

■ 27.7110, 27.6018,
41.2580

■ 29.1383, 28.1767,
48.5962

■ 30.7127, 28.8103,
56.7086

Harmonies

Analogous

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



25.9931, 25.0674, 9.3666



21.4456, 25.0674, 9.5025



18.0043, 25.0674, 13.2692

Triad

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



21.4456, 25.0674, 9.5025



18.2235, 25.0674, 49.9159



33.4693, 25.0674, 33.7766

Complementary

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



21.4456, 25.0674, 9.5025



9.5972, 7.6435, 26.1703

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.



30.7837, 25.0674, 48.7974



21.4456, 25.0674, 9.5025



21.7824, 25.0674, 59.9488

Square

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



21.4456, 25.0674, 9.5025



16.3140, 25.0674, 34.9771



26.3759, 25.0674, 59.4840



33.3486, 25.0674, 20.8277

Rectangle

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



21.4456, 25.0674, 9.5025



16.6262, 25.0674, 18.3118



26.3759, 25.0674, 59.4840



32.8513, 25.0674, 38.8177

Sweetspot

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



21.4462, 25.0685, 9.5030



42.6419, 46.6105, 38.2284



14.2810, 10.4858, 7.0659



9.4597, 10.3845, 8.2121



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.



21.4462, 25.0685, 9.5030



37.5762, 44.5522, 12.9990



16.5159, 22.5269, 9.2723



5.8321, 6.2816, 5.7945



18.3956, 22.3759, 3.3494



0.1774, 0.2147, 0.0321

Inverse Universe

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



9.5972, 7.6435, 26.1703



13.9229, 9.7628, 46.2785



12.8832, 9.3375, 26.3241



5.1362, 5.2584, 6.7730



4.4077, 1.7658, 23.0856



0.0433, 0.0175, 0.2208

Previews

White Background



This preview shows how the XYZ color 21.4456, 25.0674, 9.5025 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 21.4456, 25.0674, 9.5025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

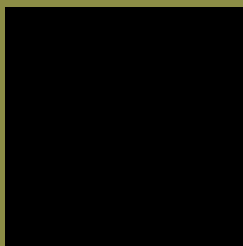
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4456, 25.0674, 9.5025

Background



This preview shows how black text looks on a background with the XYZ color 21.4456, 25.0674, 9.5025.



This preview shows how white text looks on a background with the XYZ color 21.4456, 25.0674,

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

21.4456, 25.0674, 9.5025

Protanopia

22.9687, 24.9964, 9.2444

Deuteranopia

25.4673, 25.0385, 9.7940



Tritanopia

25.5582, 25.0541, 29.4755

Trichromacy



Original Color

21.4456, 25.0674, 9.5025

Protanomaly

22.3754, 24.9025, 9.2576

Deuteranomaly

23.9342, 25.0649, 9.7074

Tritanomaly

23.6336, 24.8890, 20.0814

Monochromacy



Original Color

21.4456, 25.0674, 9.5025

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7720, 23.9683, 18.2307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4456, 25.0674, 9.5025 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(140, 141, 70)` looks like.

```
.text, #text, p{  
    color:rgb(140, 141, 70)  
}
```

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(140, 141, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 141, 70) }
```

Border

The CSS property to change the border of an element to XYZ 21.4456, 25.0674, 9.5025 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(140, 141, 70) }
```


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

```
.border{ border-color:rgb(140, 141, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 141, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 141, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 141, 70);  
box-shadow:4px 4px 4px 4px rgb(140, 141,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4456, 25.0674, 9.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 141, 70) }
```

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

```
.background{ background-color: rgb(140,  
141, 70) }
```

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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