

Converting Colors

XYZ(21.5905, 25.3430, 10.4104)

Have a look what the booklet for
XYZ(21.5905, 25.3430, 10.4104)
contains.

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Color

**XYZ(21.5905, 25.3430,
10.4104)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8E4B
RGB	139, 142, 75
RGB Percent	55%, 56%, 29%
CMY	0.4549, 0.4431, 0.7059
CMYK	0.02, 0.00, 0.47, 0.44
HSL	63°, 31%, 43%
HSV	63°, 47%, 56%
XYZ	21.5905, 25.3430, 10.4104
YIQ	133.4650, 19.7190, -21.4730

Conversions

Conversions Part 2

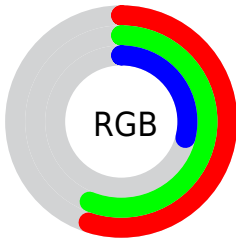
Format	Color
RYB	75, 142, 78
Decimal	9145931
CIELab	57.41, -11.34, 35.11
CIELCh	57, 36.897, 107.892
Yxy	25.3430, 0.3765, 0.4419
Android (android.graphics.Color)	4287336011 (0xFF8B8E4B)
YUV	133.4650, -28.8232, 4.8542
Hunter-Lab	50.3418, -11.5435, 22.9785

Details

The XYZ color **21.5905, 25.3430, 10.4104** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.5414, 8.6055, 26.6982**, and the grayscale version is **22.5615, 23.7365, 25.8491**.

A 20% lighter version of the original color is **45.6897, 52.4299, 27.1139**, and **7.9555, 9.7597, 2.5014** is the 20% darker color. If you saturate the color by 10%, you get **21.0520, 25.1163, 8.1253**, and if you desaturate by 10%, it is **22.2394, 25.6158, 13.2680**.

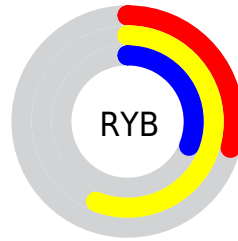
Distribution



Red (55%)

Green (56%)

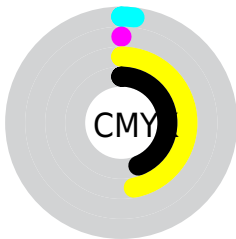
Blue (29%)



Red (29%)

Yellow (56%)

Blue (31%)

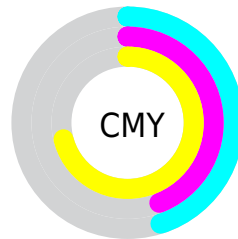


Cyan (2%)

Magenta (0%)

Yellow (47%)

Black (44%)



Cyan (45%)

Magenta (44%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5905, 25.3430, 10.4104 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 21.5905, 25.3430, 10.4104 by changing the saturation by 10% instead.

■ 21.5905, 25.3430,
10.4104

■ 21.5905, 25.3430,
10.4104

253.0730,
279.5418, 204.1667

■ 13.6712, 16.3328,
5.5628

■ 45.5522, 52.2131,
27.1844

■ 7.9725, 9.7599,
2.5166

■ 62.3253, 70.8418,
39.9478

■ 4.1290, 5.2401,
0.8490

■ 82.7803, 93.4455,
56.1870

■ 1.7754, 2.3888,
0.0000

■ 107.2828,
120.4085, 76.3203

■ 0.5028, 0.8201,
0.0000

■ 136.1979,
152.1152, 100.7664

■ 0.0000, 0.0000,
0.0000

169.8911,

188.9501, 129.9438

208.7276,
231.2975, 164.2710

■ 21.5905, 25.3430,
10.4104

■ 21.5905, 25.3430,
10.4104

■ 21.0520, 25.1163,
8.1253

■ 22.2394, 25.6158,
13.2680

■ 20.6147, 24.9292,
6.3727

■ 23.0034, 25.9338,
16.7316

■ 20.2711, 24.7796,
5.1098

■ 23.8893, 26.3006,
20.8336

■ 20.0116, 24.6638,
4.2868

■ 24.9027, 26.7185,
25.6041

■ 19.8191, 24.5748,
3.8137

■ 26.0490, 27.1896,
31.0710

■ 19.7681, 24.5511,
3.6969

■ 27.3332, 27.7160,
37.2607

■ 28.7600, 28.2994,
44.1982

■ 30.3340, 28.9418,
51.9073

■ 32.0594, 29.6449,
60.4109

Harmonies

Analogous

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



25.8988, 25.3430, 10.0847



21.5905, 25.3430, 10.4104



18.3614, 25.3430, 14.3694

Triad

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



21.5905, 25.3430, 10.4104



18.8678, 25.3430, 49.6497



33.3020, 25.3430, 32.9719

Complementary

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



21.5905, 25.3430, 10.4104



10.5414, 8.6055, 26.6982

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.



30.8958, 25.3430, 47.1454



21.5905, 25.3430, 10.4104



22.3632, 25.3430, 58.5555

Square

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



21.5905, 25.3430, 10.4104



16.9257, 25.3430, 35.6925



26.7705, 25.3430, 57.5207



33.0296, 25.3430, 20.8240

Rectangle

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



21.5905, 25.3430, 10.4104



17.0938, 25.3430, 19.4718



26.7705, 25.3430, 57.5207



32.7686, 25.3430, 37.7096

Sweetspot

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



21.5911, 25.3442, 10.4109



42.6174, 46.5797, 39.0454



15.0965, 11.5999, 8.1003



9.4454, 10.3734, 8.3773



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.



21.5911, 25.3442, 10.4109



37.0361, 44.2515, 13.9766



16.9196, 22.9359, 10.1923



5.8160, 6.2733, 5.7937



17.7520, 22.0441, 3.3193



0.1745, 0.2132, 0.0320

Inverse Universe

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



10.5414, 8.6055, 26.6982



15.0261, 10.8966, 46.4392



13.9214, 10.3480, 26.8563



5.1506, 5.2658, 6.7737



4.4596, 1.7926, 23.0880



0.0462, 0.0190, 0.2209

Previews

White Background



This preview shows how the XYZ color 21.5905, 25.3430, 10.4104 looks on a white background.

Color Contrast Check

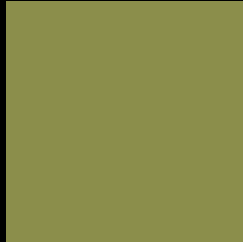
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5905, 25.3430, 10.4104 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 21.5905, 25.3430, 10.4104

Background



This preview shows how black text looks on a background with the XYZ color 21.5905, 25.3430, 10.4104.



This preview shows how white text looks on a background with the XYZ color 21.5905, 25.3430,

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

21.5905, 25.3430, 10.4104

Protanopia

23.2734, 25.3468, 10.1443

Deuteranopia

25.6399, 25.1075, 10.7026



Tritanopia

25.6686, 25.2976, 30.3181

Trichromacy



Original Color

21.5905, 25.3430, 10.4104

Protanomaly

22.5013, 25.1627, 10.1495

Deuteranomaly

23.9082, 25.0319, 10.5927

Tritanomaly

23.8374, 25.1767, 21.3725

Monochromacy



Original Color

21.5905, 25.3430, 10.4104

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7205, 23.9291, 18.8032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5905, 25.3430, 10.4104 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, 142, 75)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 75)  
}
```

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, 142, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 75) }
```

Border

The CSS property to change the border of an element to XYZ 21.5905, 25.3430, 10.4104 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, 142, 75) }
```


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

```
.border{ border-color:rgb(139, 142, 75) }
```

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

Here you see how a box with a 4 pixel rgb(139, 142, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 75);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5905, 25.3430, 10.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 75) }
```

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

```
.background{ background-color: rgb(139,  
142, 75) }
```

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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