

Converting Colors

XYZ(21.3811, 25.9485, 6.0079)

Have a look what the booklet for
XYZ(21.3811, 25.9485, 6.0079)
contains.

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Color

**XYZ(21.3409, 25.9863,
5.9889)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9129
RGB	140, 145, 41
RGB Percent	55%, 57%, 16%
CMY	0.4510, 0.4314, 0.8392
CMYK	0.03, 0.00, 0.72, 0.43
HSL	63°, 56%, 36%
HSV	63°, 72%, 57%
XYZ	21.3409, 25.9863, 5.9889
YIQ	131.6490, 30.4040, -33.4040

Conversions

Conversions Part 2

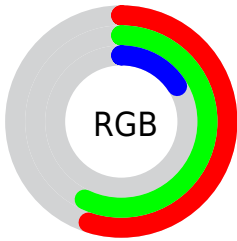
Format	Color
RYB	41, 145, 46
Decimal	9212201
CIELab	58.02, -15.17, 51.57
CIELCh	58, 53.753, 106.394
Yxy	25.9863, 0.4003, 0.4874
Android (android.graphics.Color)	4287402281 (0xFF8C9129)
YUV	131.6490, -44.6900, 7.3238
Hunter-Lab	50.9768, -14.4821, 28.7182

Details

The XYZ color **21.3409, 25.9863, 5.9889** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.0312, 4.2116, 27.2319**, and the grayscale version is **21.9544, 23.0978, 25.1535**.

A 20% lighter version of the original color is **45.2088, 53.3908, 18.5124**, and **7.9300, 10.1629, 1.5437** is the 20% darker color. If you saturate the color by 10%, you get **21.0161, 25.8438, 4.8877**, and if you desaturate by 10%, it is **21.7609, 26.1689, 7.5823**.

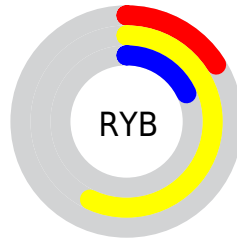
Distribution



Red (55%)

Green (57%)

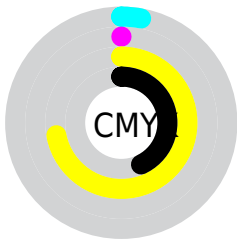
Blue (16%)



Red (16%)

Yellow (57%)

Blue (18%)

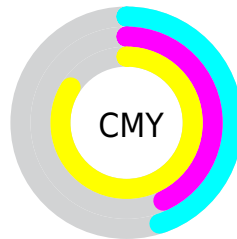


Cyan (3%)

Magenta (0%)

Yellow (72%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3409, 25.9863, 5.9889 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 21.3409, 25.9863, 5.9889 by changing the saturation by 10% instead.

■ 21.3409, 25.9863,
5.9889

■ 21.3409, 25.9863,
5.9889

251.7822,
282.7148, 168.2747

■ 13.4873, 16.8134,
2.7697

■ 45.1412, 53.2528,
18.3851

■ 7.8443, 10.1015,
0.9783

■ 61.8186, 72.1153,
28.3992

■ 4.0464, 5.4663,
0.0000

■ 82.1680, 94.9763,
41.5152

■ 1.7284, 2.5234,
0.0000

■ 106.5548,
122.2204, 58.1519

■ 0.4740, 0.8883,
0.0000

■ 135.3442,
154.2319, 78.7276

■ 0.0000, 0.0000,
0.0000

■ 168.9017,

191.3952, 103.6609

207.5926,
234.0947, 133.3705

■ 21.3409, 25.9863,
5.9889

■ 21.3409, 25.9863,
5.9889

■ 21.0161, 25.8438,
4.8877

■ 21.7609, 26.1689,
7.5823

■ 20.7739, 25.7335,
4.2201

■ 22.2835, 26.3916,
9.7147

■ 20.6117, 25.6575,
3.8660

■ 22.9173, 26.6590,
12.4294

■ 23.6698, 26.9738,
15.7646

■ 24.5476, 27.3389,
19.7556

■ 25.5567, 27.7566,
24.4347

■ 26.7031, 28.2293,
29.8323

■ 27.9921, 28.7591,
35.9770

■ 29.4288, 29.3481,
42.8957

Harmonies

Analogous

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



27.7537, 25.9863, 5.8304



21.3409, 25.9863, 5.9889



16.7181, 25.9863, 10.1065

Triad

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



21.3409, 25.9863, 5.9889



17.0513, 25.9863, 62.8784



38.9269, 25.9863, 37.5656

Complementary

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



21.3409, 25.9863, 5.9889



7.0312, 4.2116, 27.2319

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.



34.8855, 25.9863, 60.8074



21.3409, 25.9863, 5.9889



21.8775, 25.9863, 79.2060

Square

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



21.3409, 25.9863, 5.9889



14.5549, 25.9863, 39.6317



28.3925, 25.9863, 78.3153



38.7144, 25.9863, 19.3565

Rectangle

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



21.3409, 25.9863, 5.9889



14.9357, 25.9863, 16.2573



28.3925, 25.9863, 78.3153



37.9942, 25.9863, 45.1611

Sweetspot

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



21.3415, 25.9875, 5.9894



43.8351, 48.9060, 34.8098



12.9963, 8.0168, 2.9606



9.6651, 10.8437, 7.3481



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.



21.3415, 25.9875, 5.9894



37.3551, 46.1535, 7.9416



14.6978, 22.5626, 5.6785



5.8143, 6.2724, 5.7936



17.6848, 22.0094, 3.3162



0.1742, 0.2131, 0.0319

Inverse Universe

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



7.0312, 4.2116, 27.2319



10.1986, 4.7625, 48.3553



10.7777, 6.1430, 27.4072



5.1521, 5.2666, 6.7738



4.4651, 1.7955, 23.0883



0.0465, 0.0191, 0.2209

Previews

White Background



This preview shows how the XYZ color 21.3409, 25.9863, 5.9889 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 21.3409, 25.9863, 5.9889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

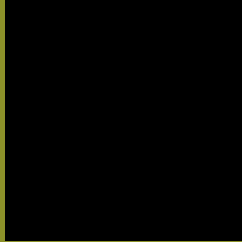
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3409, 25.9863, 5.9889

Background



This preview shows how black text looks on a background with the XYZ color 21.3409, 25.9863, 5.9889.



This preview shows how white text looks on a background with the XYZ color 21.3409, 25.9863,

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

21.3409, 25.9863, 5.9889

Protanopia

23.4714, 25.9773, 5.7845

Deuteranopia

26.2000, 25.6985, 6.1642



Tritanopia

26.2467, 25.7928, 30.7893

Trichromacy



Original Color

21.3409, 25.9863, 5.9889

Protanomaly

22.6337, 25.9832, 5.8298

Deuteranomaly

24.3006, 25.7546, 6.0732

Tritanomaly

23.7935, 25.6589, 17.8860

Monochromacy



Original Color

21.3409, 25.9863, 5.9889

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.1895, 23.9431, 15.3091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3409, 25.9863, 5.9889 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, 145, 41)` looks like.

```
.text, #text, p{  
    color:rgb(140, 145, 41)  
}
```

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, 145, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 145, 41) }
```

Border

The CSS property to change the border of an element to XYZ 21.3409, 25.9863, 5.9889 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, 145, 41) }
```


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

```
.border{ border-color:rgb(140, 145, 41) }
```

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

Here you see how a box with a 4 pixel rgb(140, 145, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 145, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 145, 41);  
box-shadow:4px 4px 4px 4px rgb(140, 145,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3409, 25.9863, 5.9889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 145, 41) }
```

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

```
.background{ background-color: rgb(140,  
145, 41) }
```

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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