

Converting Colors

XYZ(21.3932, 24.5053, 3.6024)

Have a look what the booklet for
XYZ(21.3932, 24.5053, 3.6024)
contains.

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Color

**XYZ(21.4829, 24.5665,
3.6095)**

Conversions

Conversions Part 1

Format	Color
Hex	958A00
RGB	149, 138, 0
RGB Percent	58%, 54%, 0%
CMY	0.4157, 0.4588, 1.0000
CMYK	0.00, 0.07, 1.00, 0.42
HSL	56°, 100%, 29%
HSV	56°, 100%, 58%
XYZ	21.4829, 24.5665, 3.6095
YIQ	125.5570, 50.8540, -40.5860

Conversions

Conversions Part 2

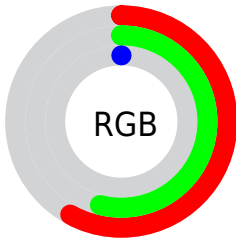
Format	Color
R _Y B	12, 149, 0
Decimal	9800192
CIE Lab	56.65, -8.58, 61.01
CIE LCh	57, 61.612, 98.003
Yxy	24.5665, 0.4326, 0.4947
Android (android.graphics.Color)	4287990272 (0xFF958A00)
YUV	125.5570, -61.8996, 20.5595
Hunter-Lab	49.5646, -9.3704, 30.3775

Details

The XYZ color **21.4829, 24.5665, 3.6095** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.5446, 2.4094, 28.6064**, and the grayscale version is **19.8729, 20.9078, 22.7686**.

A 20% lighter version of the original color is **45.4371, 50.9567, 13.0711**, and **8.1885, 9.5244, 1.4068** is the 20% darker color. If you saturate the color by 10%, you get **21.4833, 24.5675, 3.6097**, and if you desaturate by 10%, it is **21.7276, 24.9190, 4.1132**.

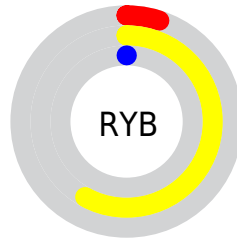
Distribution



Red (58%)

Green (54%)

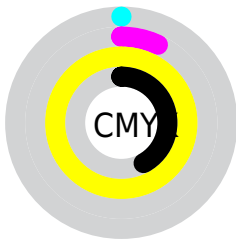
Blue (0%)



Red (5%)

Yellow (58%)

Blue (0%)

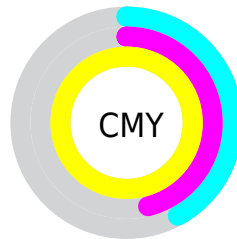


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4829, 24.5665, 3.6095 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 21.4829, 24.5665, 3.6095 by changing the saturation by 10% instead.

■ 21.4829, 24.5665,
3.6095

■ 21.4829, 24.5665,
3.6095

252.5173,
275.6721, 143.7807

■ 13.5919, 15.7544,
1.4137

■ 45.3751, 50.9531,
13.0986

■ 7.9172, 9.3505,
0.1523

■ 62.1070, 69.2963,
21.2290

■ 4.0934, 4.9705,
0.0000

■ 82.5166, 91.5854,
32.1747

■ 1.7551, 2.2300,
0.0000

■ 106.9692,
118.2047, 46.3541


■ 0.4904, 0.7363,
0.0000


■ 135.8302,
149.5387, 64.1859


■ 0.0000, 0.0000,
0.0000


■ 169.4650,


185.9716, 86.0886


 208.2389,
227.8880, 112.4807


 21.4829, 24.5665,
3.6095


 21.4829, 24.5665,
3.6095


 21.4833, 24.5675,
3.6097

 21.7276, 24.9190,
4.1132

 22.0341, 25.2979,
4.9372

 22.4320, 25.7160,
6.2347

 22.9326, 26.1776,
8.0651

 23.5456, 26.6868,
10.4789

■ 24.2794, 27.2470,
13.5210

■ 25.1416, 27.8611,
17.2317

■ 26.1395, 28.5320,
21.6481

■ 27.2793, 29.2624,
26.8044

Harmonies

Analogous

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



28.9016, 24.5665, 4.3047



21.4829, 24.5665, 3.6095



15.8504, 24.5665, 6.1439

Triad

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



21.4829, 24.5665, 3.6095



14.0864, 24.5665, 59.1544



38.6016, 24.5665, 44.4236

Complementary

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



21.4829, 24.5665, 3.6095



5.5446, 2.4094, 28.6064

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.



32.9050, 24.5665, 71.4629



21.4829, 24.5665, 3.6095



18.5587, 24.5665, 82.5749

Square

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



21.4829, 24.5665, 3.6095



12.1882, 24.5665, 32.6293



25.3217, 24.5665, 87.9646



39.8293, 24.5665, 21.6209

Rectangle

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



21.4829, 24.5665, 3.6095



13.5032, 24.5665, 10.8116



25.3217, 24.5665, 87.9646



37.0968, 24.5665, 53.5876

Sweetspot

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



21.4835, 24.5677, 3.6100



44.9240, 49.8255, 30.4156



12.4634, 6.4173, 0.9434



9.8208, 10.9473, 6.1552



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.4835, 24.5677, 3.6100



38.4169, 43.8829, 6.4455



14.6704, 23.5172, 3.7663



6.2292, 6.6722, 6.2000



18.0907, 20.6958, 3.0412



0.2302, 0.2709, 0.0402

Inverse Universe

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



5.5446, 2.4094, 28.6064



9.8763, 4.2083, 51.2130



7.4170, 3.1971, 28.6597



5.5318, 5.6977, 7.2779



4.6761, 2.0469, 24.0797



0.0641, 0.0387, 0.2970

Previews

White Background



This preview shows how the XYZ color 21.4829, 24.5665, 3.6095 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 21.4829, 24.5665, 3.6095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

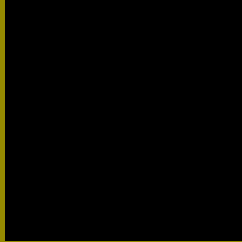
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4829, 24.5665, 3.6095

Background



This preview shows how black text looks on a background with the XYZ color 21.4829, 24.5665, 3.6095.



This preview shows how white text looks on a background with the XYZ color 21.4829, 24.5665,

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

21.4829, 24.5665, 3.6095

Protanopia

22.1306, 24.4783, 3.5584

Deuteranopia

24.9811, 24.5182, 4.0319



Tritanopia

26.2112, 24.4414, 27.3809

Trichromacy



Original Color

21.4829, 24.5665, 3.6095

Protanomaly

21.8946, 24.5667, 3.5879

Deuteranomaly

23.6275, 24.4216, 3.8164

Tritanomaly

23.3391, 24.0771, 12.6498

Monochromacy



Original Color

21.4829, 24.5665, 3.6095

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.2621, 21.6128, 10.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4829, 24.5665, 3.6095 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(149, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 138, 0)  
}
```

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(149, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 138, 0) }
```

Border

The CSS property to change the border of an element to XYZ 21.4829, 24.5665, 3.6095 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(149, 138, 0) }
```


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

```
.border{ border-color:rgb(149, 138, 0) }
```

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

Here you see how a box with a 4 pixel rgb(149, 138, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 138,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4829, 24.5665, 3.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 138, 0) }
```

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

```
.background{ background-color: rgb(149,  
138, 0) }
```

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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