

Converting Colors

XYZ(21.0730, 24.6885, 5.9259)

Have a look what the booklet for
XYZ(21.0730, 24.6885, 5.9259)
contains.

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Color

**XYZ(21.1418, 24.7702,
5.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8C2B
RGB	143, 140, 43
RGB Percent	56%, 55%, 17%
CMY	0.4392, 0.4510, 0.8314
CMYK	0.00, 0.02, 0.70, 0.44
HSL	58°, 54%, 36%
HSV	58°, 70%, 56%
XYZ	21.1418, 24.7702, 5.9523
YIQ	129.8390, 32.9250, -29.5310

Conversions

Conversions Part 2

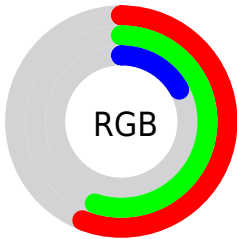
Format	Color
RYB	46, 143, 43
Decimal	9407531
CIELab	56.85, -11.06, 49.70
CIELCh	57, 50.916, 102.548
Yxy	24.7702, 0.4076, 0.4776
Android (android.graphics.Color)	4287597611 (0xFF8F8C2B)
YUV	129.8390, -42.8116, 11.5422
Hunter-Lab	49.7697, -11.2714, 27.7479

Details

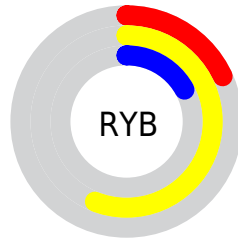
The XYZ color **21.1418, 24.7702, 5.9523** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.9312, 4.4507, 26.4802**, and the grayscale version is **21.3001, 22.4094, 24.4038**.

A 20% lighter version of the original color is **44.6887, 51.1083, 18.3360**, and **7.7760, 9.4362, 1.4115** is the 20% darker color. If you saturate the color by 10%, you get **20.8619, 24.5592, 4.7841**, and if you desaturate by 10%, it is **21.5151, 25.0208, 7.6062**.

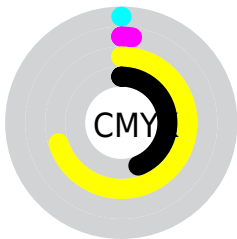
Distribution



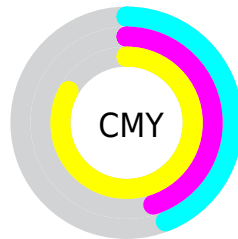
- Red (56%)
- Green (55%)
- Blue (17%)



- Red (18%)
- Yellow (56%)
- Blue (17%)



- Cyan (0%)
- Magenta (2%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1418, 24.7702, 5.9523 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 21.1418, 24.7702, 5.9523 by changing the saturation by 10% instead.

■ 21.1418, 24.7702,
5.9523

■ 21.1418, 24.7702,
5.9523

250.7486,
276.6916, 167.9360

■ 13.3407, 15.9059,
2.7478

■ 44.8129, 51.2842,
18.3078

■ 7.7422, 9.4576,
0.9673

■ 61.4137, 69.7027,
28.2958

■ 3.9809, 5.0408,
0.0000

■ 81.6784, 92.0747,
41.3820

■ 1.6913, 2.2713,
0.0000

■ 105.9724,
118.7846, 57.9851

■ 0.4508, 0.7584,
0.0000

■ 134.6611,
150.2169, 78.5235

■ 0.0000, 0.0000,
0.0000

■ 168.1098,

186.7559, 103.4157

206.6838,
228.7860, 133.0804

■ 21.1418, 24.7702,
5.9523

■ 21.1418, 24.7702,
5.9523

■ 20.8619, 24.5592,
4.7841

■ 21.5151, 25.0208,
7.6062

■ 20.6636, 24.3803,
4.0467

■ 21.9887, 25.3110,
9.7898

■ 20.5201, 24.2237,
3.5971

■ 22.5710, 25.6450,
12.5439

■ 20.5191, 24.2226,
3.5940

■ 23.2687, 26.0257,
15.9052

■ 24.0883, 26.4554,
19.9068

■ 25.0356, 26.9367,
24.5799

■ 26.1162, 27.4716,
29.9534

■ 27.3352, 28.0623,
36.0546

■ 28.6974, 28.7107,
42.9093

Harmonies

Analogous

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



27.1477, 24.7702, 6.2215



21.1418, 24.7702, 5.9523



16.6172, 24.7702, 9.3051

Triad

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



21.1418, 24.7702, 5.9523



16.0740, 24.7702, 55.7844



36.2456, 24.7702, 38.0513

Complementary

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



21.1418, 24.7702, 5.9523



6.9312, 4.4507, 26.4802

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.



32.1677, 24.7702, 59.0680



21.1418, 24.7702, 5.9523



20.2730, 24.7702, 71.9189

Square

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



21.1418, 24.7702, 5.9523



14.0405, 24.7702, 34.7424



26.1202, 24.7702, 73.3246



36.5848, 24.7702, 20.4538

Rectangle

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



21.1418, 24.7702, 5.9523



14.7727, 24.7702, 14.4998



26.1202, 24.7702, 73.3246



35.2386, 24.7702, 45.0924

Sweetspot

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



21.1424, 24.7714, 5.9528



42.9018, 47.2554, 34.4879



12.6914, 7.7675, 3.4500



9.7529, 10.7922, 7.4904



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.



21.1424, 24.7714, 5.9528



37.1365, 43.7880, 7.7085



15.1176, 22.3242, 5.7980



5.8259, 6.2581, 5.7902



18.1457, 21.4232, 3.1787



0.1763, 0.2105, 0.0313

Inverse Universe

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



6.9312, 4.4507, 26.4802



9.9935, 4.9953, 46.9755



10.0061, 5.8682, 26.5917



5.1418, 5.2793, 6.7768



4.4277, 1.8414, 23.0991



0.0444, 0.0217, 0.2215

Previews

White Background



This preview shows how the XYZ color 21.1418, 24.7702, 5.9523 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 21.1418, 24.7702, 5.9523 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 21.1418, 24.7702, 5.9523

Background



This preview shows how black text looks on a background with the XYZ color 21.1418, 24.7702, 5.9523.



This preview shows how white text looks on a background with the XYZ color 21.1418, 24.7702,

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

21.1418, 24.7702, 5.9523

Protanopia

22.5004, 24.8308, 5.7974

Deuteranopia

25.0733, 24.7165, 6.1386



Tritanopia

25.6865, 24.7350, 28.6198

Trichromacy



Original Color

21.1418, 24.7702, 5.9523

Protanomaly

21.9008, 24.7337, 5.8103

Deuteranomaly

23.5154, 24.7210, 6.1170

Tritanomaly

23.2876, 24.3660, 16.8403

Monochromacy



Original Color

21.1418, 24.7702, 5.9523

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.7214, 23.0829, 14.9186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1418, 24.7702, 5.9523 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(143, 140, 43)` looks like.

```
.text, #text, p{  
    color:rgb(143, 140, 43)  
}
```

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(143, 140, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 140, 43) }
```

Border

The CSS property to change the border of an element to XYZ 21.1418, 24.7702, 5.9523 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(143, 140, 43) }
```


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

```
.border{ border-color:rgb(143, 140, 43) }
```

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

Here you see how a box with a 4 pixel rgb(143, 140, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 140, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 140, 43);  
box-shadow:4px 4px 4px 4px rgb(143, 140,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1418, 24.7702, 5.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 140, 43) }
```

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

```
.background{ background-color: rgb(143,  
140, 43) }
```

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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