

Converting Colors

XYZ(21.0856, 24.0466, 6.9718)

Have a look what the booklet for
XYZ(21.0856, 24.0466, 6.9718)
contains.

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Color

**XYZ(21.1131, 24.0870,
7.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	908936
RGB	144, 137, 54
RGB Percent	56%, 54%, 21%
CMY	0.4353, 0.4627, 0.7882
CMYK	0.00, 0.05, 0.62, 0.44
HSL	55°, 45%, 39%
HSV	55°, 62%, 56%
XYZ	21.1131, 24.0870, 7.0265
YIQ	129.6310, 30.8150, -24.3290

Conversions

Conversions Part 2

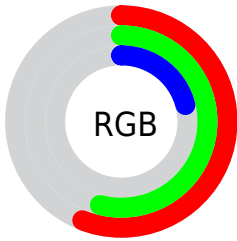
Format	Color
RYB	62, 144, 54
Decimal	9472310
CIELab	56.17, -8.29, 44.22
CIELCh	56, 44.988, 100.613
Yxy	24.0870, 0.4043, 0.4612
Android (android.graphics.Color)	4287662390 (0xFF908936)
YUV	129.6310, -37.2861, 12.6016
Hunter-Lab	49.0785, -9.0984, 25.8665

Details

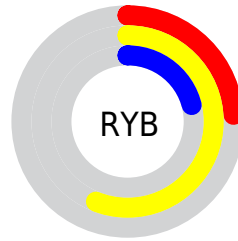
The XYZ color **21.1131, 24.0870, 7.0265** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.2241, 6.1352, 27.1361**, and the grayscale version is **21.2081, 22.3126, 24.2984**.

A 20% lighter version of the original color is **44.7316, 50.1057, 20.4105**, and **7.7226, 9.0405, 1.3380** is the 20% darker color. If you saturate the color by 10%, you get **20.6657, 23.6557, 5.4490**, and if you desaturate by 10%, it is **21.6634, 24.5639, 9.1330**.

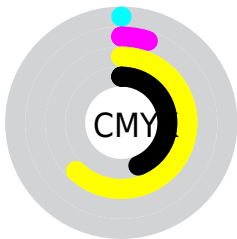
Distribution



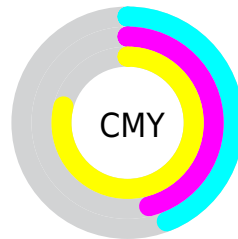
- Red (56%)
- Green (54%)
- Blue (21%)



- Red (24%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (5%)
- Yellow (62%)
- Black (44%)



- Cyan (44%)
- Magenta (46%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1131, 24.0870, 7.0265 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 21.1131, 24.0870, 7.0265 by changing the saturation by 10% instead.

■ 21.1131, 24.0870,
7.0265

■ 21.1131, 24.0870,
7.0265

250.5993,
273.2600, 177.5230

■ 13.3196, 15.3982,
3.4000

■ 44.7655, 50.1721,
20.5403

■ 7.7275, 9.0993,
1.3023

■ 61.3552, 68.3372,
31.2646

■ 3.9714, 4.8060,
0.0637

■ 81.6077, 90.4299,
45.1920

■ 1.6860, 2.1339,
0.0000

■ 105.8883,
116.8344, 62.7409

■ 0.4475, 0.6836,
0.0000

■ 134.5624,
147.9354, 84.3299

■ 0.0000, 0.0000,
0.0000

■ 167.9954,

184.1170, 110.3776

206.5526,
225.7637, 141.3024

■ 21.1131, 24.0870,
7.0265

■ 21.1131, 24.0870,
7.0265

■ 20.6657, 23.6557,
5.4490

■ 21.6634, 24.5639,
9.1330

■ 20.3105, 23.2629,
4.3509

■ 22.3230, 25.0863,
11.8093

■ 20.0371, 22.9056,
3.6758

■ 23.0997, 25.6582,
15.0938

■ 19.8626, 22.6514,
3.3253

■ 24.0000, 26.2822,
19.0214

■ 25.0301, 26.9608,
23.6241

■ 26.1957, 27.6963,
28.9319

■ 27.5021, 28.4908,
34.9730

■ 28.9544, 29.3463,
41.7739

■ 30.5573, 30.2648,
49.3601

Harmonies

Analogous

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



26.3517, 24.0870, 7.5051



21.1131, 24.0870, 7.0265



17.0183, 24.0870, 10.0175

Triad

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



21.1131, 24.0870, 7.0265



16.1517, 24.0870, 49.4414



33.5989, 24.0870, 36.8474

Complementary

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



21.1131, 24.0870, 7.0265



8.2241, 6.1352, 27.1361

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.



29.9868, 24.0870, 54.2878



21.1131, 24.0870, 7.0265



19.7527, 24.0870, 63.2485

Square

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



21.1131, 24.0870, 7.0265



14.4537, 24.0870, 31.8217



24.7723, 24.0870, 65.2959



34.1094, 24.0870, 21.3291

Rectangle

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



21.1131, 24.0870, 7.0265



15.2846, 24.0870, 14.5984



24.7723, 24.0870, 65.2959



32.6841, 24.0870, 42.8074

Sweetspot

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



21.1137, 24.0881, 7.0270



42.8706, 46.7178, 35.9431



13.6767, 8.9102, 5.4851



9.7279, 10.6444, 7.7844



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.



21.1137, 24.0881, 7.0270



36.1781, 41.4357, 8.7318



16.6426, 23.3076, 7.1120



5.8042, 6.2147, 5.7830



17.3046, 19.7409, 2.8983



0.1723, 0.2025, 0.0300

Inverse Universe

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



8.2241, 6.1352, 27.1361



11.5124, 7.1098, 47.3036



10.7172, 6.9019, 27.1526



5.1612, 5.3182, 6.7833



4.4978, 1.9816, 23.1225



0.0484, 0.0297, 0.2229

Previews

White Background



This preview shows how the XYZ color 21.1131, 24.0870, 7.0265 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 21.1131, 24.0870, 7.0265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

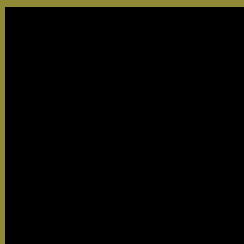
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.1131, 24.0870, 7.0265

Background



This preview shows how black text looks on a background with the XYZ color 21.1131, 24.0870, 7.0265.



This preview shows how white text looks on a background with the XYZ color 21.1131, 24.0870,

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

21.1131, 24.0870, 7.0265

Protanopia

21.8843, 24.0690, 6.8605

Deuteranopia

24.3940, 23.9492, 7.2079



Tritanopia

25.2555, 23.9487, 27.3362

Trichromacy



Original Color

21.1131, 24.0870, 7.0265

Protanomaly

21.6595, 24.1613, 6.8902

Deuteranomaly

23.1282, 23.8891, 7.1334

Tritanomaly

23.1646, 23.6837, 17.2604

Monochromacy



Original Color

21.1131, 24.0870, 7.0265

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.7775, 22.8853, 15.8926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1131, 24.0870, 7.0265 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(144, 137, 54)` looks like.

```
.text, #text, p{  
    color:rgb(144, 137, 54)  
}
```

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(144, 137, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 137, 54) }
```

Border

The CSS property to change the border of an element to XYZ 21.1131, 24.0870, 7.0265 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(144, 137, 54) }
```


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

```
.border{ border-color:rgb(144, 137, 54) }
```

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

Here you see how a box with a 4 pixel rgb(144, 137, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 137, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 137, 54);  
box-shadow:4px 4px 4px 4px rgb(144, 137,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1131, 24.0870, 7.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 137, 54) }
```

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

```
.background{ background-color: rgb(144,  
137, 54) }
```

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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