

Converting Colors

XYZ(21.5797, 24.2234, 12.0611)

Have a look what the booklet for
XYZ(21.5797, 24.2234, 12.0611)
contains.

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Color

**XYZ(21.5699, 24.2099,
12.1305)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8955
RGB	141, 137, 85
RGB Percent	55%, 54%, 33%
CMY	0.4471, 0.4627, 0.6667
CMYK	0.00, 0.03, 0.40, 0.45
HSL	56°, 25%, 44%
HSV	56°, 40%, 55%
XYZ	21.5699, 24.2099, 12.1305
YIQ	132.2680, 19.0760, -15.3240

Conversions

Conversions Part 2

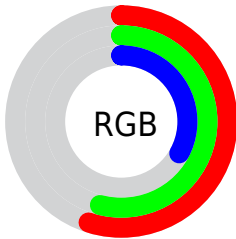
Format	Color
R_{YB}	89, 141, 85
Decimal	9275733
CIE Lab	56.30, -6.65, 28.41
CIE LCh	56, 29.182, 103.163
Yxy	24.2099, 0.3725, 0.4181
Android (android.graphics.Color)	4287465813 (0xFF8D8955)
YUV	132.2680, -23.3031, 7.6580
Hunter-Lab	49.2036, -7.8552, 19.8253

Details

The XYZ color **21.5699, 24.2099, 12.1305** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.1265, 10.9990, 26.6833**, and the grayscale version is **22.1061, 23.2574, 25.3273**.

A 20% lighter version of the original color is **45.5516, 50.3119, 30.2320**, and **7.9745, 9.1300, 3.1757** is the 20% darker color. If you saturate the color by 10%, you get **20.9225, 23.7240, 9.4212**, and if you desaturate by 10%, it is **22.3315, 24.7454, 15.4293**.

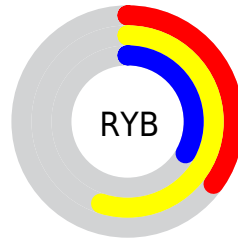
Distribution



Red (55%)

Green (54%)

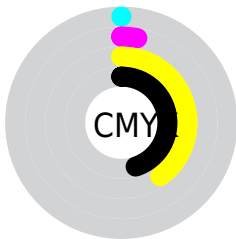
Blue (33%)



Red (35%)

Yellow (55%)

Blue (33%)

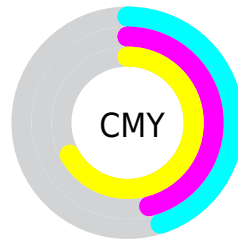


Cyan (0%)

Magenta (3%)

Yellow (40%)

Black (45%)



Cyan (45%)

Magenta (46%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5699, 24.2099, 12.1305 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 21.5699, 24.2099, 12.1305 by changing the saturation by 10% instead.

■ 21.5699, 24.2099,
12.1305

■ 21.5699, 24.2099,
12.1305

252.9667,
273.8800, 216.2758

■ 13.6560, 15.4894,
6.7090

■ 45.5183, 50.3725,
30.4005

■ 7.9619, 9.1636,
3.2051

■ 62.2835, 68.5834,
44.0861

■ 4.1222, 4.8480,
1.2003

■ 82.7299, 90.7266,
61.3635

■ 1.7715, 2.1584,
0.0000

■ 107.2228,
117.1864, 82.6511

■ 0.5004, 0.6972,
0.0000

■ 136.1275,
148.3472, 108.3677

■ 0.0000, 0.0000,
0.0000

169.8096,

184.5935, 138.9316

208.6341,
226.3096, 174.7615

■ 21.5699, 24.2099,
12.1305

■ 21.5699, 24.2099,
12.1305

■ 20.9225, 23.7240,
9.4212

■ 22.3315, 24.7454,
15.4293

■ 20.3809, 23.2816,
7.2646

■ 23.2116, 25.3295,
19.3481

■ 19.9381, 22.8809,
5.6225

■ 24.2164, 25.9657,
23.9175

■ 19.5860, 22.5186,
4.4510

■ 25.3514, 26.6561,
29.1654

■ 19.3147, 22.1908,
3.6988

■ 26.6215, 27.4027,
35.1180

■ 19.0984, 21.8870,
3.2295

■ 28.0314, 28.2074,
41.8003

■ 19.0924, 21.8784,
3.2167

■ 29.5856, 29.0720,
49.2359

■ 31.2885, 29.9982,
57.4476

■ 33.1441, 30.9878,
66.4570

Harmonies

Analogous

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



24.9345, 24.2099, 12.3146



21.5699, 24.2099, 12.1305



18.8659, 24.2099, 15.0312

Triad

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



21.5699, 24.2099, 12.1305



18.6103, 24.2099, 41.1615



29.7692, 24.2099, 32.0948

Complementary

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



21.5699, 24.2099, 12.1305



12.1265, 10.9990, 26.6833

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.



27.7222, 24.2099, 42.3017



21.5699, 24.2099, 12.1305



21.1887, 24.2099, 48.3474

Square

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



21.5699, 24.2099, 12.1305



17.2727, 24.2099, 30.8050



24.5144, 24.2099, 48.8092



29.8967, 24.2099, 22.3654

Rectangle

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



21.5699, 24.2099, 12.1305



17.7112, 24.2099, 18.8546



24.5144, 24.2099, 48.8092



29.2743, 24.2099, 35.6330

Sweetspot

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



21.5705, 24.2110, 12.1310



42.8883, 46.2015, 40.6388



16.0646, 12.8926, 11.2408



9.5341, 10.2909, 8.8711



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.



21.5705, 24.2110, 12.1310



37.5420, 42.5428, 17.1722



18.5908, 23.5341, 12.1574



5.8071, 6.2204, 5.7840



17.4134, 19.9586, 2.9346



0.1729, 0.2036, 0.0302

Inverse Universe

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



12.1265, 10.9990, 26.6833



18.1063, 15.3582, 47.1380



14.2815, 11.6295, 26.6914



5.1586, 5.3130, 6.7824



4.4884, 1.9629, 23.1194



0.0478, 0.0286, 0.2227

Previews

White Background



This preview shows how the XYZ color 21.5699, 24.2099, 12.1305 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 21.5699, 24.2099, 12.1305 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 21.5699, 24.2099, 12.1305

Background



This preview shows how black text looks on a background with the XYZ color 21.5699, 24.2099, 12.1305.



This preview shows how white text looks on a background with the XYZ color 21.5699, 24.2099,

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

21.5699, 24.2099, 12.1305

Protanopia

22.2968, 24.1711, 11.8778

Deuteranopia

24.6748, 24.1752, 12.3826



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

21.5699, 24.2099, 12.1305

Protanomaly

22.0814, 24.2682, 11.9079

Deuteranomaly

23.4485, 24.1430, 12.2283

Tritanomaly

23.4547, 24.1509, 21.1947

Monochromacy



Original Color

21.5699, 24.2099, 12.1305

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6113, 23.4389, 19.6048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5699, 24.2099, 12.1305 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(141, 137, 85)` looks like.

```
.text, #text, p{  
    color:rgb(141, 137, 85)  
}
```

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(141, 137, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 137, 85) }
```

Border

The CSS property to change the border of an element to XYZ 21.5699, 24.2099, 12.1305 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(141, 137, 85) }
```


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

```
.border{ border-color:rgb(141, 137, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 137, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 137, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 137, 85);  
box-shadow:4px 4px 4px 4px rgb(141, 137,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5699, 24.2099, 12.1305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 137, 85) }
```

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

```
.background{ background-color: rgb(141,  
137, 85) }
```

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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