

Converting Colors

XYZ(24.8130, 22.9618, 44.1986)

Have a look what the booklet for
XYZ(24.8130, 22.9618, 44.1986)
contains.

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Color

**XYZ(24.8130, 22.9618,
44.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	847EB0
RGB	132, 126, 176
RGB Percent	52%, 49%, 69%
CMY	0.4823, 0.5059, 0.3098
CMYK	0.25, 0.28, 0.00, 0.31
HSL	247°, 24%, 59%
HSV	247°, 28%, 69%
XYZ	24.8130, 22.9618, 44.1986
YIQ	133.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

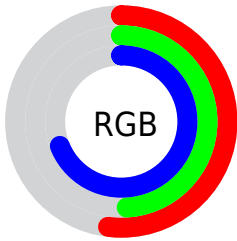
Format	Color
R _Y B	132, 126, 176
Decimal	8683184
CIE _{Lab}	55.03, 13.38, -25.61
CIE _{LCh}	55, 28.900, 297.584
Y _{xy}	22.9618, 0.2698, 0.2497
Android (android.graphics.Color)	4286873264 (0xFF847EB0)
Y _{UV}	133.4940, 20.9555, -1.3102
Hunter-Lab	47.9185, 8.5730, -21.1444

Details

The XYZ color **24.8130, 22.9618, 44.1986** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8695, 41.1036, 25.7829**, and the grayscale version is **22.4042, 23.5710, 25.6688**.

A 20% lighter version of the original color is **50.9353, 48.5055, 83.0218**, and **9.6224, 8.4871, 19.8699** is the 20% darker color. If you saturate the color by 10%, you get **20.5126, 17.6932, 43.4087**, and if you desaturate by 10%, it is **29.8705, 29.2095, 45.1384**.

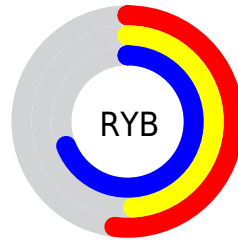
Distribution



Red (52%)

Green (49%)

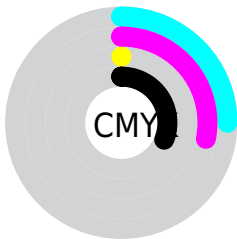
Blue (69%)



Red (52%)

Yellow (49%)

Blue (69%)

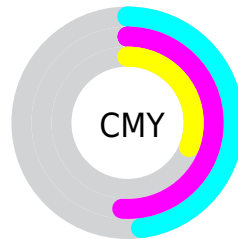


Cyan (25%)

Magenta (28%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8130, 22.9618, 44.1986 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 24.8130, 22.9618, 44.1986 by changing the saturation by 10% instead.

■ 24.8130, 22.9618,
44.1986

■ 24.8130, 22.9618,
44.1986

269.2702,
267.5287, 379.5831

■ 16.0658, 14.5653,
30.4883

■ 50.7988, 48.3306,
82.8222

■ 9.6619, 8.5149,
19.9544

■ 68.7680, 66.0717,
108.5725

■ 5.2359, 4.4261,
12.1781

■ 90.5420, 87.6964,
139.1734

■ 2.4225, 1.9147,
6.7411

116.4861,
113.5892, 175.0432

■ 0.8563, 0.5572,
3.2247

146.9656,
144.1344, 216.6005

■ 0.0000, 0.0000,
1.2105

182.3459,

■ 0.0000, 0.0000,

179.7165, 264.2639

0.0000

222.9923,
220.7198, 318.4520

■ 24.8130, 22.9618,
44.1986

■ 24.8130, 22.9618,
44.1986

■ 20.5126, 17.6932,
43.4087

■ 29.8705, 29.2095,
45.1384

■ 16.9304, 13.3512,
42.7594

■ 35.7168, 36.4796,
46.2335

■ 14.0277, 9.8829,
42.2430

■ 42.3846, 44.8162,
47.4912

■ 11.7608, 7.2285,
41.8501

■ 49.9041, 54.2600,
48.9177

■ 10.0813, 5.3209,
41.5704

■ 58.3040, 64.8494,
50.5189

■ 8.9333, 4.0820,
41.3918

■ 67.6116, 76.6213,
52.3006

■ 8.2338, 3.3846,
41.2940

■ 77.8530, 89.6106,
54.2680

■ 8.1483, 3.2953,
41.2813

■ 84.8366, 95.9146,
55.1167

Harmonies

Analogous

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



21.5650, 22.9618, 47.1816



24.8130, 22.9618, 44.1986



27.4682, 22.9618, 35.7402

Triad

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



24.8130, 22.9618, 44.1986



25.3079, 22.9618, 12.8391



16.2140, 22.9618, 24.2627

Complementary

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



24.8130, 22.9618, 44.1986



35.8695, 41.1036, 25.7829

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.



17.0122, 22.9618, 16.6632



24.8130, 22.9618, 44.1986



22.0861, 22.9618, 11.1596

Square

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



24.8130, 22.9618, 44.1986



27.7731, 22.9618, 17.6689



19.0861, 22.9618, 12.3665



16.7924, 22.9618, 34.1250

Rectangle

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



24.8130, 22.9618, 44.1986



28.4334, 22.9618, 29.0034



19.0861, 22.9618, 12.3665



16.3283, 22.9618, 21.3858

Sweetspot

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



24.8138, 22.9627, 44.1991



63.9319, 65.1067, 83.6926



30.8473, 36.3828, 46.4715



13.5115, 13.6816, 18.0730



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.8138, 22.9627, 44.1991



40.0194, 35.5296, 79.2439



29.1702, 25.2085, 44.4030



8.1336, 8.2774, 10.6753



6.0060, 2.4320, 30.2899



0.2192, 0.0921, 0.9545

Inverse Universe

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



32.6217, 27.0550, 41.5338



56.5518, 44.1998, 73.3564



30.9984, 38.5925, 25.5549



8.8053, 8.6288, 10.4729



17.4849, 8.5115, 23.5111



0.5624, 0.2727, 0.8045

Previews

White Background



This preview shows how the XYZ color 24.8130, 22.9618, 44.1986 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 24.8130, 22.9618, 44.1986 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 24.8130, 22.9618, 44.1986

Background



This preview shows how black text looks on a background with the XYZ color 24.8130, 22.9618, 44.1986.



This preview shows how white text looks on a background with the XYZ color 24.8130, 22.9618,

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

24.8130, 22.9618, 44.1986

Protanopia

23.4554, 23.0018, 45.8514

Deuteranopia

23.4662, 23.0535, 43.7704



Tritanopia

21.8134, 22.9213, 29.2612

Trichromacy



Original Color

24.8130, 22.9618, 44.1986

Protanomaly

23.9122, 23.0524, 45.3087

Deuteranomaly

23.9003, 23.0807, 43.7528

Tritanomaly

22.8011, 22.9210, 34.2328

Monochromacy



Original Color

24.8130, 22.9618, 44.1986

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.0803, 23.1217, 31.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8130, 22.9618, 44.1986 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(132, 126, 176)` looks like.

```
.text, #text, p{  
    color:rgb(132, 126, 176)  
}
```

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(132, 126, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 126, 176) }
```

Border

The CSS property to change the border of an element to XYZ 24.8130, 22.9618, 44.1986 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(132, 126, 176) }
```


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

```
.border{ border-color:rgb(132, 126, 176) }
```

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

Here you see how a box with a 4 pixel rgb(132, 126, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 126, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 126, 176);  
box-shadow:4px 4px 4px 4px rgb(132, 126,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8130, 22.9618, 44.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 126, 176) }
```

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

```
.background{ background-color: rgb(132,  
126, 176) }
```

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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