

Converting Colors

XYZ(24.3054, 22.5240, 48.3837)

Have a look what the booklet for
XYZ(24.3054, 22.5240, 48.3837)
contains.

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Color

**XYZ(24.4248, 22.6675,
48.4353)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7EB8
RGB	124, 126, 184
RGB Percent	49%, 49%, 72%
CMY	0.5137, 0.5059, 0.2784
CMYK	0.33, 0.32, 0.00, 0.28
HSL	238°, 30%, 60%
HSV	238°, 33%, 72%
XYZ	24.4248, 22.6675, 48.4353
YIQ	132.0140, -19.8100, 17.6140

Conversions

Conversions Part 2

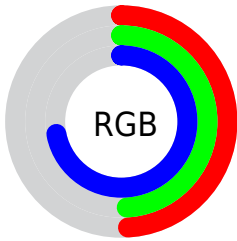
Format	Color
R_{YB}	124, 126, 184
Decimal	8158904
CIE _{Lab}	54.73, 13.02, -30.73
CIE _{LCh}	55, 33.373, 292.963
Yxy	22.6675, 0.2557, 0.2373
Android (android.graphics.Color)	4286348984 (0xFF7C7EB8)
YUV	132.0140, 25.6291, -7.0283
Hunter-Lab	47.6104, 8.2548, -26.9900

Details

The XYZ color **24.4248, 22.6675, 48.4353** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **40.1338, 45.1021, 25.6601**, and the grayscale version is **21.8535, 22.9916, 25.0378**.

A 20% lighter version of the original color is **50.2084, 47.9964, 89.0560**, and **9.4983, 8.3629, 22.5863** is the 20% darker color. If you saturate the color by 10%, you get **19.9339, 17.2713, 47.6308**, and if you desaturate by 10%, it is **29.8178, 29.1300, 49.3988**.

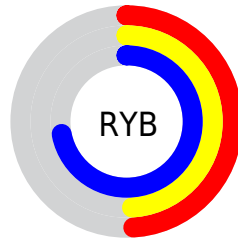
Distribution



Red (49%)

Green (49%)

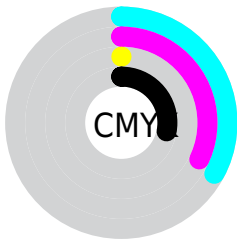
Blue (72%)



Red (49%)

Yellow (49%)

Blue (72%)

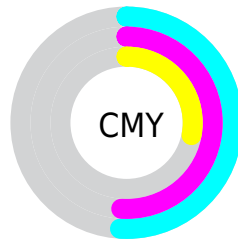


Cyan (33%)

Magenta (32%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (51%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4248, 22.6675, 48.4353 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 24.4248, 22.6675, 48.4353 by changing the saturation by 10% instead.

■ 24.4248, 22.6675,
48.4353

■ 24.4248, 22.6675,
48.4353

267.3619,
266.0126, 397.0733

■ 15.7755, 14.3482,
33.8093

■ 50.1722, 47.8468,
89.2245

■ 9.4553, 8.3632,
22.4710

■ 68.0009, 65.4755,
116.2247

■ 5.0988, 4.3282,
14.0017

■ 89.6202, 86.9762,
148.1867

■ 2.3407, 1.8588,
7.9831

115.3954,
112.7333, 185.5292

■ 0.8154, 0.5234,
3.9965

145.6918,
143.1310, 228.6705

■ 0.0000, 0.0000,
1.6234

180.8748,

■ 0.0000, 0.0000,

178.5539, 278.0293

0.3075

221.3097,
219.3863, 334.0240

■ 0.0000, 0.0000,
0.0000

■ 24.4248, 22.6675,
48.4353

■ 24.4248, 22.6675,
48.4353

■ 19.9339, 17.2713,
47.6308

■ 29.8178, 29.1300,
49.3988

■ 16.2937, 12.8816,
46.9754

■ 36.1559, 36.7090,
50.5277

■ 13.4512, 9.4369,
46.4603

■ 43.4822, 45.4546,
51.8296

■ 11.3464, 6.8677,
46.0753

■ 51.8364, 55.4133,
53.3115

■ 9.9112, 5.0952,
45.8089

■ 61.2561, 66.6289,
54.9799

■ 9.0645, 4.0263,
45.6472

■ 71.7769, 79.1430,
56.8409

■ 8.7184, 3.5938,
45.5819

■ 83.4328, 92.9955,
58.9003

■ 85.6518, 96.2407,
59.4097

Harmonies

Analogous

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



20.6896, 22.6675, 50.7490



24.4248, 22.6675, 48.4353



27.7007, 22.6675, 39.0088

Triad

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



24.4248, 22.6675, 48.4353



26.0937, 22.6675, 11.7820



15.2579, 22.6675, 22.2810

Complementary

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



24.4248, 22.6675, 48.4353



40.1338, 45.1021, 25.6601

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.



16.3759, 22.6675, 14.3771



24.4248, 22.6675, 48.4353



22.4232, 22.6675, 9.5379

Square

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



24.4248, 22.6675, 48.4353



28.7383, 22.6675, 17.5894



18.9005, 22.6675, 10.3298



15.6646, 22.6675, 33.4609

Rectangle

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



24.4248, 22.6675, 48.4353



29.0425, 22.6675, 31.1067



18.9005, 22.6675, 10.3298



15.4631, 22.6675, 19.2075

Sweetspot

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



24.4256, 22.6684, 48.4358



68.6144, 70.2144, 92.1410



33.8968, 41.9440, 50.5658



14.4105, 14.6813, 19.7959



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.4256, 22.6684, 48.4358



38.3764, 34.0046, 86.7455



28.8091, 24.5524, 48.5684



8.5445, 8.7662, 11.3211



6.0190, 2.4976, 31.4179



0.2203, 0.1044, 1.1103

Inverse Universe

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



30.7414, 26.1129, 23.1595



51.5972, 41.2781, 33.8211



34.4896, 42.8047, 25.5141



9.0164, 9.0169, 9.4339



13.6518, 7.0345, 0.7871



0.4854, 0.2496, 0.0494

Previews

White Background



This preview shows how the XYZ color 24.4248, 22.6675, 48.4353 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 24.4248, 22.6675, 48.4353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

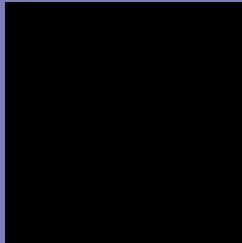
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4248, 22.6675, 48.4353

Background



This preview shows how black text looks on a background with the XYZ color 24.4248, 22.6675, 48.4353.



This preview shows how white text looks on a background with the XYZ color 24.4248, 22.6675,

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

24.4248, 22.6675, 48.4353

Protanopia

23.5232, 22.7564, 49.6070

Deuteranopia

23.2076, 22.6301, 47.9446



Tritanopia

20.6294, 22.7086, 29.6815

Trichromacy



Original Color

24.4248, 22.6675, 48.4353

Protanomaly

23.8122, 22.7230, 49.0299

Deuteranomaly

23.6025, 22.6391, 47.9256

Tritanomaly

21.8455, 22.5874, 36.0093

Monochromacy



Original Color

24.4248, 22.6675, 48.4353

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6218, 22.8668, 32.4996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4248, 22.6675, 48.4353 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(124, 126, 184)` looks like.

```
.text, #text, p{  
    color:rgb(124, 126, 184)  
}
```

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(124, 126, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 126, 184) }
```

Border

The CSS property to change the border of an element to XYZ 24.4248, 22.6675, 48.4353 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(124, 126, 184) }
```


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

```
.border{ border-color:rgb(124, 126, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 126, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 126, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 126, 184);  
box-shadow:4px 4px 4px 4px rgb(124, 126,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4248, 22.6675, 48.4353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 126, 184) }
```

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

```
.background{ background-color: rgb(124,  
126, 184) }
```

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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