

Converting Colors

XYZ(24.5504, 16.4447, 22.7931)

Have a look what the booklet for
XYZ(24.5504, 16.4447, 22.7931)
contains.

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Color

**XYZ(24.5103, 16.4363,
22.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5081
RGB	175, 80, 129
RGB Percent	69%, 31%, 51%
CMY	0.3137, 0.6863, 0.4941
CMYK	0.00, 0.54, 0.26, 0.31
HSL	329°, 37%, 50%
HSV	329°, 54%, 69%
XYZ	24.5103, 16.4363, 22.6496
YIQ	113.9910, 40.8910, 35.3790

Conversions

Conversions Part 2

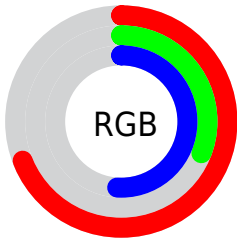
Format	Color
R_{YB}	175, 80, 129
Decimal	11489409
CIE _{Lab}	47.54, 44.37, -8.95
CIE _{LCh}	48, 45.260, 348.597
Yxy	16.4363, 0.3854, 0.2584
Android (android.graphics.Color)	4289679489 (0xFFAF5081)
YUV	113.9910, 7.3994, 53.5049
Hunter-Lab	40.5417, 36.9678, -4.7446

Details

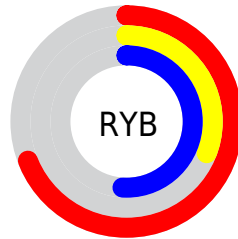
The XYZ color **24.5103, 16.4363, 22.6496** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.4050, 33.8722, 25.0975**, and the grayscale version is **15.9621, 16.7933, 18.2880**.

A 20% lighter version of the original color is **50.4353, 37.4761, 48.8313**, and **9.5631, 5.3110, 8.1105** is the 20% darker color. If you saturate the color by 10%, you get **22.8517, 13.9834, 19.4319**, and if you desaturate by 10%, it is **26.5503, 19.5769, 26.2252**.

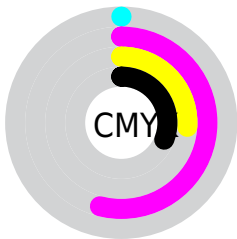
Distribution



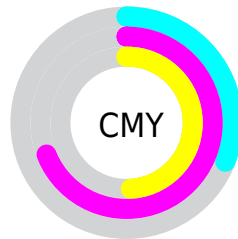
- Red (69%)
- Green (31%)
- Blue (51%)



- Red (69%)
- Yellow (31%)
- Blue (51%)



- Cyan (0%)
- Magenta (54%)
- Yellow (26%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5103, 16.4363, 22.6496 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 24.5103, 16.4363, 22.6496 by changing the saturation by 10% instead.

■ 24.5103, 16.4363,
22.6496

■ 24.5103, 16.4363,
22.6496

267.7832,
231.9026, 278.9835

■ 15.8394, 9.8334,
14.1321

■ 50.3103, 37.3540,
48.7332

■ 9.5007, 5.2886,
8.0728

■ 68.1701, 52.4376,
67.1364

■ 5.1289, 2.4176,
4.0531

■ 89.8235, 71.1169,
89.6720

■ 2.3586, 0.8349,
1.6545

■ 115.6360, 93.7763,
116.7584

■ 0.8244, 0.0000,
0.3293

■ 145.9729,
120.8002, 148.8142

■ 0.0000, 0.0000,
0.0000

181.1994,

152.5729, 186.2579

221.6811,
189.4789, 229.5082

■ 24.5103, 16.4363,
22.6496

■ 24.5103, 16.4363,
22.6496

■ 22.8517, 13.9834,
19.4319

■ 26.5503, 19.5769,
26.2252

■ 21.5454, 12.1622,
16.5565

■ 28.9949, 23.4505,
30.1714

■ 20.5602, 10.9122,
14.0073

■ 31.8673, 28.1012,
34.5013

■ 19.8581, 10.1593,
11.7656

■ 35.1881, 33.5691,
39.2268

■ 19.5357, 9.8566,
10.6037

■ 38.9769, 39.8915,
44.3593

■ 43.2518, 47.1033,
49.9096

■ 48.0302, 55.2374,
55.8880

■ 53.3283, 64.3251,
62.3045

■ 59.1618, 74.3963,
69.1688

Harmonies

Analogous

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



22.1812, 16.4363, 36.9384



24.5103, 16.4363, 22.6496



24.1723, 16.4363, 11.7138

Triad

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



24.5103, 16.4363, 22.6496



13.2802, 16.4363, 4.0311



11.0396, 16.4363, 40.2212

Complementary

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



24.5103, 16.4363, 22.6496



22.4050, 33.8722, 25.0975

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.



9.3715, 16.4363, 25.9427



24.5103, 16.4363, 22.6496



10.5034, 16.4363, 6.8702

Square

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



24.5103, 16.4363, 22.6496



17.2040, 16.4363, 3.7703



9.1937, 16.4363, 13.8595



14.1405, 16.4363, 49.6327

Rectangle

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



24.5103, 16.4363, 22.6496



22.4906, 16.4363, 7.3191



9.1937, 16.4363, 13.8595



10.3174, 16.4363, 35.6058

Sweetspot

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



24.5108, 16.4371, 22.6499



61.7688, 58.0483, 68.5087



19.1993, 13.2628, 42.1056



13.4556, 12.4508, 14.8421



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.



24.5108, 16.4371, 22.6499



40.4500, 24.3613, 33.8088



22.0557, 15.4551, 9.7215



8.1712, 8.0817, 9.2124



14.0214, 7.0711, 7.7581



0.4176, 0.2077, 0.3607

Inverse Universe

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



24.5108, 16.4371, 22.6499



40.4500, 24.3613, 33.8088



26.2220, 35.3990, 45.1976



8.1712, 8.0817, 9.2124



14.0214, 7.0711, 7.7581



0.4176, 0.2077, 0.3607

Previews

White Background



This preview shows how the XYZ color 24.5103, 16.4363, 22.6496 looks on a white background.

Color Contrast Check

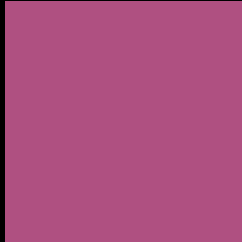
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.5103, 16.4363, 22.6496 looks on a black 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

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

XYZ 24.5103, 16.4363, 22.6496

Background



This preview shows how black text looks on a background with the XYZ color 24.5103, 16.4363, 22.6496.



This preview shows how white text looks on a background with the XYZ color 24.5103, 16.4363,

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

24.5103, 16.4363, 22.6496

Protanopia

16.9736, 16.7063, 31.6082

Deuteranopia

16.8218, 16.5290, 21.3726



Tritanopia

22.4418, 16.3952, 12.5714

Trichromacy



Original Color

24.5103, 16.4363, 22.6496

Protanomaly

18.5684, 15.7646, 28.0508

Deuteranomaly

18.8752, 15.9190, 21.8165

Tritanomaly

23.0577, 16.2864, 15.8382

Monochromacy



Original Color

24.5103, 16.4363, 22.6496

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.2345, 16.0689, 19.5933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5103, 16.4363, 22.6496 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(175, 80, 129)` looks like.

```
.text, #text, p{  
    color:rgb(175, 80, 129)  
}
```

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(175, 80, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 80, 129) }
```

Border

The CSS property to change the border of an element to XYZ 24.5103, 16.4363, 22.6496 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(175, 80, 129) }
```


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

```
.border{ border-color:rgb(175, 80, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 80, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 80, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 80, 129);  
box-shadow:4px 4px 4px 4px rgb(175, 80,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5103, 16.4363, 22.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 80, 129) }
```

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

```
.background{ background-color: rgb(175, 80,  
129) }
```

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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