

Converting Colors

XYZ(24.8948, 16.5190, 23.8525)

Have a look what the booklet for
XYZ(24.8948, 16.5190, 23.8525)
contains.

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Color

**XYZ(24.8653, 16.4880,
23.7018)**

Conversions

Conversions Part 1

Format	Color
Hex	B04F84
RGB	176, 79, 132
RGB Percent	69%, 31%, 52%
CMY	0.3098, 0.6902, 0.4824
CMYK	0.00, 0.55, 0.25, 0.31
HSL	327°, 38%, 50%
HSV	327°, 55%, 69%
XYZ	24.8653, 16.4880, 23.7018
YIQ	114.0450, 40.7990, 37.0470

Conversions

Conversions Part 2

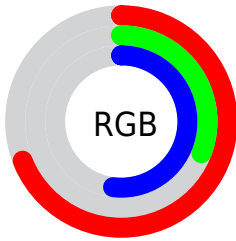
Format	Color
R _Y B	176, 79, 132
Decimal	11554692
CIE Lab	47.61, 45.61, -10.64
CIE LCh	48, 46.834, 346.867
Yxy	16.4880, 0.3822, 0.2534
Android (android.graphics.Color)	4289744772 (0xFFB04F84)
YUV	114.0450, 8.8518, 54.3345
Hunter-Lab	40.6054, 38.2475, -6.1844

Details

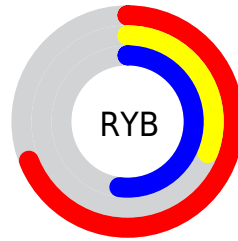
The XYZ color **24.8653, 16.4880, 23.7018** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.3257, 34.1434, 24.1541**, and the grayscale version is **15.9740, 16.8059, 18.3016**.

A 20% lighter version of the original color is **50.9399, 37.4977, 50.4519**, and **9.6337, 5.2709, 8.6932** is the 20% darker color. If you saturate the color by 10%, you get **23.2341, 14.0667, 20.5649**, and if you desaturate by 10%, it is **26.8753, 19.5998, 27.1716**.

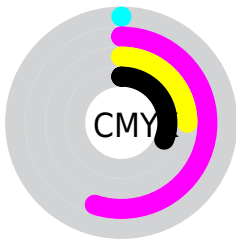
Distribution



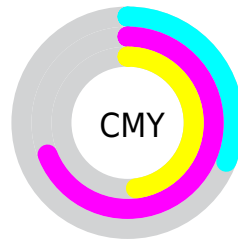
- Red (69%)
- Green (31%)
- Blue (52%)



- Red (69%)
- Yellow (31%)
- Blue (52%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (31%)





- Cyan (31%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8653, 16.4880, 23.7018 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 24.8653, 16.4880, 23.7018 by changing the saturation by 10% instead.


 24.8653, 16.4880,
23.7018

 24.8653, 16.4880,
23.7018


269.5265,
232.2043, 284.5472


 16.1049, 9.8701,
14.9024


 50.8831, 37.4433,
50.4809


 9.6897, 5.3129,
8.6051


 68.8712, 52.5496,
69.2976


 5.2544, 2.4320,
4.3912

 90.6659, 71.2541,
92.2906

 2.4336, 0.8423,
1.8423

 116.6327, 93.9413,
119.8782

 0.8619, 0.0000,
0.4557

 147.1367,
120.9955, 152.4792

 0.0000, 0.0000,
0.0000

182.5435,

152.8012, 190.5120

223.2183,
189.7426, 234.3952

■ 24.8653, 16.4880,
23.7018

■ 24.8653, 16.4880,
23.7018

■ 23.2341, 14.0667,
20.5649

■ 26.8753, 19.5998,
27.1716

■ 21.9523, 12.2787,
17.7461

■ 29.2878, 23.4483,
30.9862

■ 20.9879, 11.0618,
15.2300

■ 32.1261, 28.0786,
35.1577

■ 20.3013, 10.3383,
12.9986

■ 35.4113, 33.5315,
39.6975

■ 20.0233, 10.0776,
11.9952

■ 39.1629, 39.8450,
44.6161

■ 43.3995, 47.0545,
49.9236

■ 48.1383, 55.1936,
55.6297

■ 53.3959, 64.2941,
61.7436

■ 59.1880, 74.3862,
68.2742

Harmonies

Analogous

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



22.2930, 16.4880, 38.7153



24.8653, 16.4880, 23.7018



24.6815, 16.4880, 12.0719

Triad

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



24.8653, 16.4880, 23.7018



13.4547, 16.4880, 3.7120



10.7970, 16.4880, 40.5114

Complementary

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



24.8653, 16.4880, 23.7018



22.3257, 34.1434, 24.1541

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.



9.1739, 16.4880, 25.4872



24.8653, 16.4880, 23.7018



10.5109, 16.4880, 6.3722

Square

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



24.8653, 16.4880, 23.7018



17.5678, 16.4880, 3.5780



9.0794, 16.4880, 13.2175



13.9166, 16.4880, 50.9570

Rectangle

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



24.8653, 16.4880, 23.7018



23.0143, 16.4880, 7.3871



9.0794, 16.4880, 13.2175



10.0845, 16.4880, 35.5890

Sweetspot

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



24.8658, 16.4888, 23.7021



62.8502, 58.5212, 70.1395



18.7517, 12.9127, 42.5784



13.3632, 12.2540, 14.8482



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.



24.8658, 16.4888, 23.7021



41.6138, 24.7592, 36.2065



22.2955, 15.4607, 10.1669



8.6841, 8.5804, 9.8348



14.7213, 7.4061, 8.9582



0.4921, 0.2446, 0.4343

Inverse Universe

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



24.8658, 16.4888, 23.7021



41.6138, 24.7592, 36.2065



26.1153, 35.6592, 44.1098



8.6841, 8.5804, 9.8348



14.7213, 7.4061, 8.9582



0.4921, 0.2446, 0.4343

Previews

White Background



This preview shows how the XYZ color 24.8653, 16.4880, 23.7018 looks on a white background.

Color Contrast Check

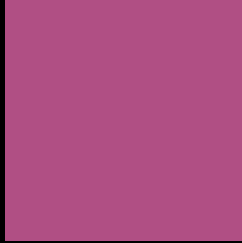
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8653, 16.4880, 23.7018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

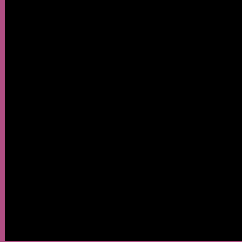
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.8653, 16.4880, 23.7018

Background



This preview shows how black text looks on a background with the XYZ color 24.8653, 16.4880, 23.7018.



This preview shows how white text looks on a background with the XYZ color 24.8653, 16.4880,

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

24.8653, 16.4880, 23.7018

Protanopia

17.0774, 16.7216, 33.3379

Deuteranopia

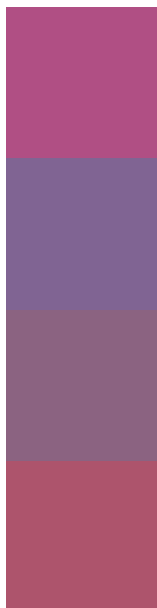
16.9864, 16.7527, 22.4170



Tritanopia

22.4418, 16.3952, 12.5714

Trichromacy



Original Color

24.8653, 16.4880, 23.7018

Protanomaly

18.7257, 15.8101, 29.6685

Deuteranomaly

19.0717, 15.9976, 22.8515

Tritanomaly

23.1107, 16.3076, 16.1170

Monochromacy



Original Color

24.8653, 16.4880, 23.7018

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.4214, 16.0062, 20.2078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8653, 16.4880, 23.7018 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(176, 79, 132)` looks like.

```
.text, #text, p{  
    color:rgb(176, 79, 132)  
}
```

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(176, 79, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 79, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.8653, 16.4880, 23.7018 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(176, 79, 132) }
```


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

```
.border{ border-color:rgb(176, 79, 132) }
```

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

Here you see how a box with a 4 pixel rgb(176, 79, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 79, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 79, 132);  
box-shadow:4px 4px 4px 4px rgb(176, 79,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8653, 16.4880, 23.7018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 79, 132) }
```

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

```
.background{ background-color: rgb(176, 79,  
132) }
```

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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