

Converting Colors

XYZ(16.4698, 14.7183, 22.8424)

Have a look what the booklet for
XYZ(16.4698, 14.7183, 22.8424)
contains.

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Color

**XYZ(16.4503, 14.6462,
22.7289)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6381
RGB	122, 99, 129
RGB Percent	48%, 39%, 51%
CMY	0.5216, 0.6118, 0.4941
CMYK	0.05, 0.23, 0.00, 0.49
HSL	286°, 13%, 45%
HSV	286°, 23%, 51%
XYZ	16.4503, 14.6462, 22.7289
YIQ	109.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

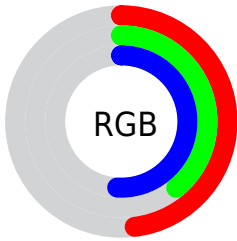
Format	Color
R_{YB}	122, 99, 129
Decimal	8020865
CIE _{Lab}	45.15, 15.08, -13.22
CIE _{LCh}	45, 20.056, 318.773
Yxy	14.6462, 0.3056, 0.2721
Android (android.graphics.Color)	4286210945 (0xFF7A6381)
YUV	109.2970, 9.7136, 11.1405
Hunter-Lab	38.2704, 9.7541, -8.4233

Details

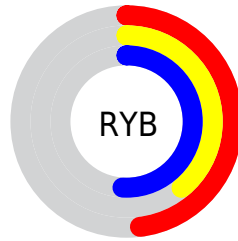
The XYZ color **16.4503, 14.6462, 22.7289** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.0468, 19.6660, 14.7552**, and the grayscale version is **14.5930, 15.3529, 16.7193**.

A 20% lighter version of the original color is **37.0290, 34.3041, 48.9257**, and **5.4236, 4.4516, 8.1628** is the 20% darker color. If you saturate the color by 10%, you get **14.9050, 12.1783, 22.3342**, and if you desaturate by 10%, it is **18.2050, 17.5127, 23.1899**.

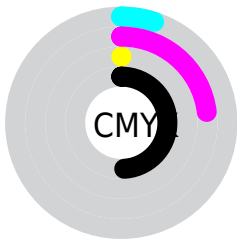
Distribution



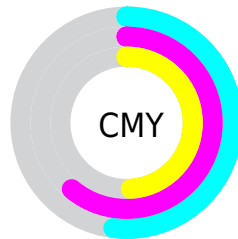
- Red (48%)
- Green (39%)
- Blue (51%)



- Red (48%)
- Yellow (39%)
- Blue (51%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (52%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4503, 14.6462, 22.7289 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 16.4503, 14.6462, 22.7289 by changing the saturation by 10% instead.

■ 16.4503, 14.6462,
22.7289

■ 16.4503, 14.6462,
22.7289

225.2029,
221.2147, 279.4061

■ 9.9362, 8.5715,
14.1900

■ 36.9294, 34.2313,
48.8653

■ 5.4186, 4.4627,
8.1127

■ 51.6251, 48.5105,
67.3000

■ 2.5322, 1.9356,
4.0783

■ 69.7787, 66.2932,
89.8703

■ 0.9115, 0.5697,
1.6684

■ 91.7556, 87.9639,
116.9949

■ 0.0000, 0.0000,
0.3390

117.9211,
113.9071, 149.0922

■ 0.0000, 0.0000,
0.0000

148.6406,

144.5070, 186.5808

184.2794,
180.1480, 229.8793

■ 16.4503, 14.6462,
22.7289

■ 16.4503, 14.6462,
22.7289

■ 14.9050, 12.1783,
22.3342

■ 18.2050, 17.5127,
23.1899

■ 13.5582, 10.0884,
22.0018

■ 20.1765, 20.7932,
23.7192

■ 12.4005, 8.3572,
21.7287

■ 22.3733, 24.5046,
24.3198

■ 11.4206, 6.9628,
21.5112

■ 24.8035, 28.6624,
24.9943

■ 10.6064, 5.8807,
21.3452

■ 27.4742, 33.2811,
25.7450

9.9438, 5.0832,
21.2262

30.3927, 38.3748,
26.5744

9.4159, 4.5365,
21.1485

33.5656, 43.9569,
27.4846

9.0971, 4.2320,
21.1065

36.9995, 50.0401,
28.4778

40.7006, 56.6368,
29.5560

Harmonies

Analogous

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



14.9687, 14.6462, 26.2097



16.4503, 14.6462, 22.7289



17.2763, 14.6462, 17.7857

Triad

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



16.4503, 14.6462, 22.7289



14.5487, 14.6462, 8.5822



11.1235, 14.6462, 19.0592

Complementary

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



16.4503, 14.6462, 22.7289



16.0468, 19.6660, 14.7552

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.



11.0305, 14.6462, 14.2400



16.4503, 14.6462, 22.7289



12.9229, 14.6462, 8.7890

Square

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



16.4503, 14.6462, 22.7289



16.1220, 14.6462, 10.0348



11.6648, 14.6462, 10.6696



11.9296, 14.6462, 23.8185

Rectangle

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



16.4503, 14.6462, 22.7289



17.3036, 14.6462, 14.5990



11.6648, 14.6462, 10.6696



11.0103, 14.6462, 17.3760

Sweetspot

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



16.4508, 14.6468, 22.7292



34.7035, 34.8484, 42.0898



14.3143, 14.6497, 22.8424



7.8196, 7.8288, 9.5173



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.4508, 14.6468, 22.7292



27.9186, 23.7546, 40.3061



16.9975, 14.9842, 20.2471



4.4032, 4.3634, 5.4234



8.8733, 4.1281, 20.5791



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1171, 14.6320, 15.6112



27.2478, 23.7460, 25.0389



15.6240, 19.4046, 16.6950



4.3657, 4.3594, 4.7304



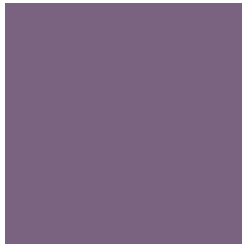
9.0582, 4.6430, 1.6305



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4503, 14.6462, 22.7289 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 16.4503, 14.6462, 22.7289 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 16.4503, 14.6462, 22.7289

Background



This preview shows how black text looks on a background with the XYZ color 16.4503, 14.6462, 22.7289.



This preview shows how white text looks on a background with the XYZ color 16.4503, 14.6462,

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

16.4503, 14.6462, 22.7289

Protanopia

14.7126, 14.7386, 24.6237

Deuteranopia

15.0113, 14.7875, 22.4852



Tritanopia

15.1736, 14.5505, 16.7606

Trichromacy



Original Color

16.4503, 14.6462, 22.7289

Protanomaly

15.1994, 14.5546, 23.8380

Deuteranomaly

15.4286, 14.7038, 22.4470

Tritanomaly

15.6103, 14.5848, 18.8220

Monochromacy



Original Color

16.4503, 14.6462, 22.7289

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1434, 14.9415, 18.6089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4503, 14.6462, 22.7289 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(122, 99, 129)` looks like.

```
.text, #text, p{  
    color:rgb(122, 99, 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(122, 99, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 99, 129) }
```

Border

The CSS property to change the border of an element to XYZ 16.4503, 14.6462, 22.7289 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(122, 99, 129) }
```


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

```
.border{ border-color:rgb(122, 99, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 99, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 99, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 99, 129);  
box-shadow:4px 4px 4px 4px rgb(122, 99,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4503, 14.6462, 22.7289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 99, 129) }
```

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

```
.background{ background-color: rgb(122, 99,  
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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