

Converting Colors

XYZ(16.5517, 15.6221, 22.8074)

Have a look what the booklet for
XYZ(16.5517, 15.6221, 22.8074)
contains.

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Color

**XYZ(16.4852, 15.5397,
22.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	766981
RGB	118, 105, 129
RGB Percent	46%, 41%, 51%
CMY	0.5373, 0.5882, 0.4941
CMYK	0.09, 0.19, 0.00, 0.49
HSL	272°, 10%, 46%
HSV	272°, 19%, 51%
XYZ	16.4852, 15.5397, 22.8995
YIQ	111.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

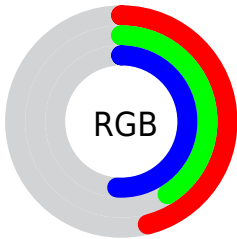
Format	Color
R_{YB}	118, 105, 129
Decimal	7760257
CIE _{Lab}	46.36, 10.03, -11.41
CIE _{LCh}	46, 15.191, 311.303
Yxy	15.5397, 0.3001, 0.2829
Android (android.graphics.Color)	4285950337 (0xFF766981)
YUV	111.6230, 8.5669, 5.5926
Hunter-Lab	39.4204, 5.6610, -6.8475

Details

The XYZ color **16.4852, 15.5397, 22.8995** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6032, 20.4339, 16.3818**, and the grayscale version is **15.2669, 16.0620, 17.4915**.

A 20% lighter version of the original color is **36.9095, 35.7004, 49.2015**, and **5.4868, 4.9074, 8.2475** is the 20% darker color. If you saturate the color by 10%, you get **14.4918, 12.7076, 22.4582**, and if you desaturate by 10%, it is **18.7292, 18.7977, 23.4103**.

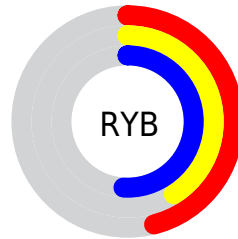
Distribution



Red (46%)

Green (41%)

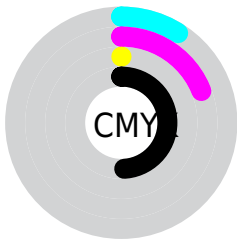
Blue (51%)



Red (46%)

Yellow (41%)

Blue (51%)

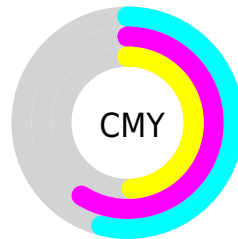


Cyan (9%)

Magenta (19%)

Yellow (0%)

Black (49%)



Cyan (54%)

Magenta (59%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4852, 15.5397, 22.8995 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 16.4852, 15.5397, 22.8995 by changing the saturation by 10% instead.

■ 16.4852, 15.5397,
22.8995

■ 16.4852, 15.5397,
22.8995

225.4026,
226.6100, 280.3136

■ 9.9612, 9.1990,
14.3147

■ 36.9892, 35.7972,
49.1494

■ 5.4353, 4.8712,
8.1986

■ 51.6999, 50.4829,
67.6515

■ 2.5422, 2.1719,
4.1327

■ 69.8701, 68.7190,
90.2965

■ 0.9166, 0.7046,
1.6984

■ 91.8653, 90.8899,
117.5030

■ 0.0000, 0.0000,
0.3597

118.0508,
117.3801, 149.6893

■ 0.0000, 0.0000,
0.0000

148.7919,

148.5739, 187.2742

184.4540,
184.8558, 230.6761

■ 16.4852, 15.5397,
22.8995

■ 16.4852, 15.5397,
22.8995

■ 14.4918, 12.7076,
22.4582

■ 18.7292, 18.7977,
23.4103

■ 12.7377, 10.2811,
22.0822

■ 21.2318, 22.4969,
23.9924

■ 11.2129, 8.2411,
21.7689

■ 24.0021, 26.6542,
24.6489

■ 9.9059, 6.5662,
21.5144

■ 27.0484, 31.2851,
25.3822

■ 8.8041, 5.2327,
21.3151

■ 30.3788, 36.4041,
26.1947

7.8936, 4.2141,
21.1665

34.0008, 42.0255,
27.0888

7.1582, 3.4798,
21.0635

37.9218, 48.1625,
28.0668

6.5583, 2.9522,
20.9933

42.1488, 54.8283,
29.1306

6.4788, 2.8822,
20.9840

46.6887, 62.0352,
30.2824

Harmonies

Analogous

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



15.2663, 15.5397, 24.9717



16.4852, 15.5397, 22.8995



17.2711, 15.5397, 19.3247

Triad

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



16.4852, 15.5397, 22.8995



15.5874, 15.5397, 10.9957



12.4481, 15.5397, 18.3649

Complementary

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



16.4852, 15.5397, 22.8995



17.6032, 20.4339, 16.3818

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.



12.5228, 15.5397, 14.7237



16.4852, 15.5397, 22.8995



14.2847, 15.5397, 10.8170

Square

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



16.4852, 15.5397, 22.8995



16.7321, 15.5397, 12.6144



13.1781, 15.5397, 12.0843



12.9676, 15.5397, 22.1086

Rectangle

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



16.4852, 15.5397, 22.8995



17.4175, 15.5397, 16.7576



13.1781, 15.5397, 12.0843



12.4054, 15.5397, 17.0837

Sweetspot

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



16.4857, 15.5404, 22.8998



34.5993, 35.2186, 42.1668



16.0572, 17.1258, 23.2285



7.7810, 7.8974, 9.5326



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.



16.4857, 15.5404, 22.8998



28.0725, 25.7554, 40.6842



18.0148, 16.3348, 22.6949



4.3139, 4.3174, 5.4193



6.3217, 2.8126, 20.4597



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2578, 16.0320, 18.7089



29.7304, 26.8100, 31.7271



16.2677, 19.7407, 16.5349



4.4034, 4.3745, 4.9286



9.6021, 4.8605, 4.4945



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4852, 15.5397, 22.8995 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 16.4852, 15.5397, 22.8995 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 16.4852, 15.5397, 22.8995

Background



This preview shows how black text looks on a background with the XYZ color 16.4852, 15.5397, 22.8995.



This preview shows how white text looks on a background with the XYZ color 16.4852, 15.5397,

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

16.4852, 15.5397, 22.8995

Protanopia

15.4592, 15.6065, 24.0274

Deuteranopia

15.9022, 15.5451, 22.9312



Tritanopia

15.6125, 15.4893, 18.6899

Trichromacy



Original Color

16.4852, 15.5397, 22.8995

Protanomaly

15.8897, 15.6788, 23.6616

Deuteranomaly

16.0559, 15.4705, 22.9087

Tritanomaly

15.9413, 15.4705, 20.2351

Monochromacy



Original Color

16.4852, 15.5397, 22.8995

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.6781, 15.8227, 19.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4852, 15.5397, 22.8995 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(118, 105, 129)` looks like.

```
.text, #text, p{  
    color:rgb(118, 105, 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(118, 105, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 105, 129) }
```

Border

The CSS property to change the border of an element to XYZ 16.4852, 15.5397, 22.8995 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(118, 105, 129) }
```


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

```
.border{ border-color:rgb(118, 105, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 105, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 105, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 105, 129);  
box-shadow:4px 4px 4px 4px rgb(118, 105,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4852, 15.5397, 22.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 105, 129) }
```

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

```
.background{ background-color: rgb(118,  
105, 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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