

Converting Colors

XYZ(15.6436, 14.4872, 28.9016)

Have a look what the booklet for
XYZ(15.6436, 14.4872, 28.9016)
contains.

XYZ(15.6879, 14.5503, 28.7697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.6879, 14.5503,
28.7697)**

Conversions

Conversions Part 1

Format	Color
Hex	696691
RGB	105, 102, 145
RGB Percent	41%, 40%, 57%
CMY	0.5882, 0.6000, 0.4314
CMYK	0.28, 0.30, 0.00, 0.43
HSL	244°, 17%, 48%
HSV	244°, 30%, 57%
XYZ	15.6879, 14.5503, 28.7697
YIQ	107.7990, -12.0150, 14.0090

Conversions

Conversions Part 2

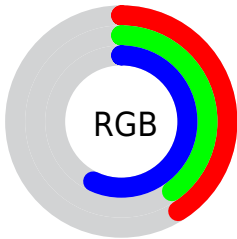
Format	Color
RYB	105, 102, 145
Decimal	6907537
CIELab	45.01, 11.29, -23.14
CIElCh	45, 25.751, 295.998
Yxy	14.5503, 0.2659, 0.2466
Android (android.graphics.Color)	4285097617 (0xFF696691)
YUV	107.7990, 18.3401, -2.4547
Hunter-Lab	38.1449, 6.6585, -18.0164

Details

The XYZ color **15.6879, 14.5503, 28.7697** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.6793, 26.9612, 16.5269**, and the grayscale version is **14.1507, 14.8876, 16.2126**.

A 20% lighter version of the original color is **35.6047, 34.0741, 58.7332**, and **5.0175, 4.3813, 11.1709** is the 20% darker color. If you saturate the color by 10%, you get **12.9251, 11.1927, 28.2675**, and if you desaturate by 10%, it is **18.9523, 18.5372, 29.3674**.

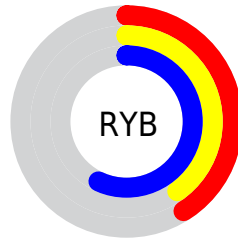
Distribution



Red (41%)

Green (40%)

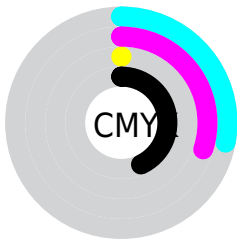
Blue (57%)



Red (41%)

Yellow (40%)

Blue (57%)

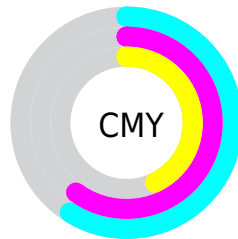


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (43%)



Cyan (59%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6879, 14.5503, 28.7697 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 15.6879, 14.5503, 28.7697 by changing the saturation by 10% instead.

■ 15.6879, 14.5503,
28.7697

■ 15.6879, 14.5503,
28.7697

220.7998,
220.6279, 310.1536

■ 9.3930, 8.5044,
18.6626

■ 35.6174, 34.0623,
58.7488

■ 5.0576, 4.4194,
11.2524

■ 49.9827, 48.2972,
79.4579

■ 2.3162, 1.9108,
6.1206

■ 67.7688, 66.0306,
104.5380

■ 0.8029, 0.5549,
2.8486

■ 89.3412, 87.6468,
134.4078

■ 0.0000, 0.0000,
1.0178

115.0651,
113.5302, 169.4857

■ 0.0000, 0.0000,
0.0000

145.3059,

144.0653, 210.1902

180.4290,
179.6364, 256.9401

■ 15.6879, 14.5503,
28.7697

■ 15.6879, 14.5503,
28.7697

■ 12.9251, 11.1927,
28.2675

■ 18.9523, 18.5372,
29.3674

■ 10.6375, 8.4305,
27.8549

■ 22.7399, 23.1814,
30.0642

■ 8.7988, 6.2294,
27.5269

■ 27.0728, 28.5113,
30.8646

■ 7.3793, 4.5509,
27.2778

■ 31.9713, 34.5531,
31.7727

■ 6.3458, 3.3516,
27.1008

■ 37.4550, 41.3319,
32.7921

■ 5.6601, 2.5811,
26.9882

■ 43.5423, 48.8712,
33.9265

■ 5.2489, 2.1236,
26.9215

■ 50.2507, 57.1937,
35.1793

■ 5.2375, 2.1096,
26.9195

■ 57.5971, 66.3210,
36.5538

■ 65.5980, 76.2740,
38.0533

Harmonies

Analogous

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



13.5480, 14.5503, 30.5140



15.6879, 14.5503, 28.7697



17.4783, 14.5503, 23.2804

Triad

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



15.6879, 14.5503, 28.7697



16.2281, 14.5503, 8.0225



10.1600, 14.5503, 15.0446

Complementary

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



15.6879, 14.5503, 28.7697



23.6793, 26.9612, 16.5269

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.



10.7277, 14.5503, 10.1865



15.6879, 14.5503, 28.7697



14.1151, 14.5503, 6.8400

Square

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



15.6879, 14.5503, 28.7697



17.8118, 14.5503, 11.2705



12.1242, 14.5503, 7.5176



10.4902, 14.5503, 21.5096

Rectangle

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



15.6879, 14.5503, 28.7697



18.1578, 14.5503, 18.8279



12.1242, 14.5503, 7.5176



10.2505, 14.5503, 13.1912

Sweetspot

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



15.6884, 14.5509, 28.7700



41.0634, 41.9316, 53.9029



20.2836, 24.2552, 30.4010



8.9230, 9.0678, 11.9522



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.6884, 14.5509, 28.7700



24.4937, 21.6778, 50.8668



18.5210, 16.0111, 28.9026



5.1623, 5.2719, 6.7743



4.5018, 1.8143, 23.0900



0.0486, 0.0202, 0.2210

Inverse Universe

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



21.3113, 17.4759, 27.8414



36.3687, 27.8579, 48.7859



20.3579, 25.2489, 16.3715



5.6102, 5.5046, 6.7115



13.7637, 6.6625, 20.2048



0.1347, 0.0650, 0.2098

Previews

White Background



This preview shows how the XYZ color 15.6879, 14.5503, 28.7697 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 15.6879, 14.5503, 28.7697 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 15.6879, 14.5503, 28.7697

Background



This preview shows how black text looks on a background with the XYZ color 15.6879, 14.5503, 28.7697.



This preview shows how white text looks on a background with the XYZ color 15.6879, 14.5503,

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

15.6879, 14.5503, 28.7697

Protanopia

14.9341, 14.5894, 29.6327

Deuteranopia

14.8049, 14.5497, 28.4136



Tritanopia

13.6605, 14.6387, 18.6286

Trichromacy



Original Color

15.6879, 14.5503, 28.7697

Protanomaly

15.1756, 14.5726, 29.2071

Deuteranomaly

15.1299, 14.5669, 28.3998

Tritanomaly

14.3516, 14.6071, 22.1417

Monochromacy



Original Color

15.6879, 14.5503, 28.7697

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.6686, 14.8143, 20.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6879, 14.5503, 28.7697 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(105, 102, 145)` looks like.

```
.text, #text, p{  
    color:rgb(105, 102, 145)  
}
```

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(105, 102, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 102, 145) }
```

Border

The CSS property to change the border of an element to XYZ 15.6879, 14.5503, 28.7697 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(105, 102, 145) }
```


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

```
.border{ border-color:rgb(105, 102, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 102, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 102, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 102, 145);  
box-shadow:4px 4px 4px 4px rgb(105, 102,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6879, 14.5503, 28.7697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 102, 145) }
```

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

```
.background{ background-color: rgb(105,  
102, 145) }
```

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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