

Converting Colors

XYZ(17.5956, 14.4012, 23.6824)

Have a look what the booklet for
XYZ(17.5956, 14.4012, 23.6824)
contains.

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Color

**XYZ(17.5949, 14.4002,
23.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	845D84
RGB	132, 93, 132
RGB Percent	52%, 36%, 52%
CMY	0.4824, 0.6353, 0.4824
CMYK	0.00, 0.30, 0.00, 0.48
HSL	300°, 17%, 44%
HSV	300°, 30%, 52%
XYZ	17.5949, 14.4002, 23.6820
YIQ	109.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

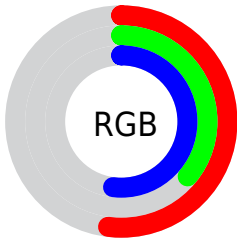
Format	Color
R_{YB}	132, 93, 132
Decimal	8674692
CIE _{Lab}	44.80, 22.89, -15.45
CIE _{LCh}	45, 27.611, 325.983
Yxy	14.4002, 0.3160, 0.2586
Android (android.graphics.Color)	4286864772 (0xFF845D84)
YUV	109.1070, 11.2862, 20.0772
Hunter-Lab	37.9476, 16.3556, -10.4379

Details

The XYZ color **17.5949, 14.4002, 23.6820** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.7419, 19.6204, 13.3669**, and the grayscale version is **14.5334, 15.2903, 16.6511**.

A 20% lighter version of the original color is **38.9799, 33.8884, 50.3856**, and **5.9797, 4.3570, 8.5085** is the 20% darker color. If you saturate the color by 10%, you get **16.5350, 12.2801, 23.3289**, and if you desaturate by 10%, it is **18.8557, 16.9216, 24.1024**.

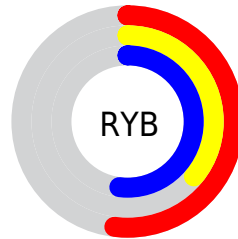
Distribution



Red (52%)

Green (36%)

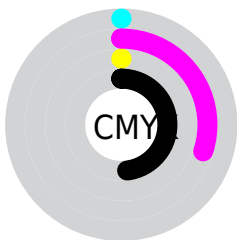
Blue (52%)



Red (52%)

Yellow (36%)

Blue (52%)

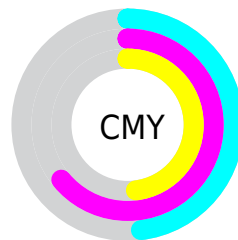


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (48%)



Cyan (48%)

Magenta (64%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5949, 14.4002, 23.6820 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 17.5949, 14.4002, 23.6820 by changing the saturation by 10% instead.

■ 17.5949, 14.4002,
23.6820

■ 17.5949, 14.4002,
23.6820

231.6677,
219.7065, 284.4434

■ 10.7575, 8.3995,
14.8879

■ 38.8813, 33.7975,
50.4481

■ 5.9701, 4.3516,
8.5950

■ 54.0611, 47.9628,
69.2571

■ 2.8674, 1.8722,
4.3848

■ 72.7522, 65.6186,
92.2415

■ 1.0840, 0.5316,
1.8387

■ 95.3203, 87.1491,
119.8199

■ 0.0117, 0.0000,
0.4533

122.1305,
112.9387, 152.4107

■ 0.0000, 0.0000,
0.0000

153.5482,

143.3719, 190.4326

189.9388,
178.8330, 234.3039

■ 17.5949, 14.4002,
23.6820

■ 17.5949, 14.4002,
23.6820

■ 16.5350, 12.2801,
23.3289

■ 18.8557, 16.9216,
24.1024

■ 15.6643, 10.5388,
23.0386

■ 20.3257, 19.8615,
24.5924

■ 14.9722, 9.1546,
22.8079

■ 22.0141, 23.2383,
25.1552

■ 14.4463, 8.1028,
22.6326

■ 23.9294, 27.0688,
25.7936

■ 14.0727, 7.3555,
22.5081

■ 26.0795, 31.3691,
26.5104

■ 13.8350, 6.8803,
22.4289

■ 28.4721, 36.1542,
27.3079

■ 13.6872, 6.5846,
22.3796

■ 31.1143, 41.4387,
28.1886

■ 13.6806, 6.5715,
22.3774

■ 34.0132, 47.2364,
29.1549

■ 37.1753, 53.5606,
30.2089

Harmonies

Analogous

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



15.6710, 14.4002, 29.6615



17.5949, 14.4002, 23.6820



18.4718, 14.4002, 16.5634

Triad

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



17.5949, 14.4002, 23.6820



13.9923, 14.4002, 6.2833



10.1549, 14.4002, 21.7576

Complementary

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



17.5949, 14.4002, 23.6820



14.7419, 19.6204, 13.3669

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.



9.8092, 14.4002, 14.8273



17.5949, 14.4002, 23.6820



11.8779, 14.4002, 6.9710

Square

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



17.5949, 14.4002, 23.6820



16.2526, 14.4002, 7.4890



10.4053, 14.4002, 9.7194



11.4066, 14.4002, 28.3536

Rectangle

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



17.5949, 14.4002, 23.6820



18.2812, 14.4002, 12.5094



10.4053, 14.4002, 9.7194



9.9352, 14.4002, 19.3441

Sweetspot

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



17.5954, 14.4008, 23.6823



35.8986, 35.1762, 43.3508



12.6514, 11.9372, 23.4674



8.2759, 8.0256, 10.0656



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.5954, 14.4008, 23.6823



29.7884, 22.9560, 41.3141



16.4197, 13.9306, 17.4911



4.8579, 4.7628, 5.8640



13.2461, 6.3628, 21.6667



0.0459, 0.0220, 0.0751

Inverse Universe

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



15.4064, 13.5253, 12.1554



25.3242, 21.1703, 17.8057



15.6823, 19.9966, 18.3193



4.6726, 4.6887, 4.8881



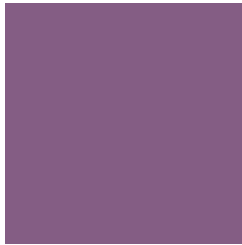
9.2136, 4.7498, 0.4312



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 17.5949, 14.4002, 23.6820 looks on a white background.

Color Contrast Check

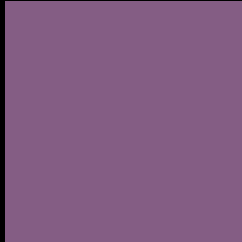
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5949, 14.4002, 23.6820 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 17.5949, 14.4002, 23.6820

Background



This preview shows how black text looks on a background with the XYZ color 17.5949, 14.4002, 23.6820.



This preview shows how white text looks on a background with the XYZ color 17.5949, 14.4002,

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

17.5949, 14.4002, 23.6820

Protanopia

14.6832, 14.5130, 27.2267

Deuteranopia

14.8053, 14.5156, 23.1406



Tritanopia

15.8713, 14.3652, 15.5719

Trichromacy



Original Color

17.5949, 14.4002, 23.6820

Protanomaly

15.5478, 14.3935, 26.0035

Deuteranomaly

15.7241, 14.3979, 23.4230

Tritanomaly

16.3306, 14.2707, 18.1135

Monochromacy



Original Color

17.5949, 14.4002, 23.6820

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.3973, 14.7668, 18.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5949, 14.4002, 23.6820 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(132, 93, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 93, 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(132, 93, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 93, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.5949, 14.4002, 23.6820 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(132, 93, 132) }
```


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

```
.border{ border-color:rgb(132, 93, 132) }
```

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

Here you see how a box with a 4 pixel rgb(132, 93, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 93, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 93, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 93,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5949, 14.4002, 23.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 93, 132) }
```

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

```
.background{ background-color: rgb(132, 93,  
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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