

Converting Colors

XYZ(17.4154, 14.4710, 23.6753)

Have a look what the booklet for
XYZ(17.4154, 14.4710, 23.6753)
contains.

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Color

**XYZ(17.3735, 14.4172,
23.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	825E84
RGB	130, 94, 132
RGB Percent	51%, 37%, 52%
CMY	0.4902, 0.6314, 0.4824
CMYK	0.02, 0.29, 0.00, 0.48
HSL	297°, 17%, 44%
HSV	297°, 29%, 52%
XYZ	17.3735, 14.4172, 23.6969
YIQ	109.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

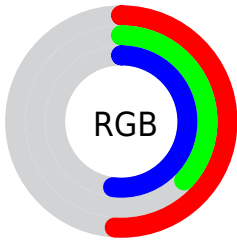
Format	Color
R_{YB}	130, 94, 132
Decimal	8543876
CIE _{Lab}	44.83, 21.58, -15.43
CIE _{LCh}	45, 26.532, 324.437
Yxy	14.4172, 0.3131, 0.2598
Android (android.graphics.Color)	4286733956 (0xFF825E84)
YUV	109.0960, 11.2917, 18.3328
Hunter-Lab	37.9700, 15.2268, -10.4236

Details

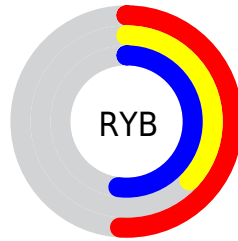
The XYZ color **17.3735, 14.4172, 23.6969** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.0960, 19.7978, 13.6161**, and the grayscale version is **14.5306, 15.2873, 16.6479**.

A 20% lighter version of the original color is **38.4108, 33.8209, 50.4026**, and **5.8478, 4.3477, 8.5136** is the 20% darker color. If you saturate the color by 10%, you get **16.1926, 12.2127, 23.3339**, and if you desaturate by 10%, it is **18.7568, 17.0248, 24.1275**.

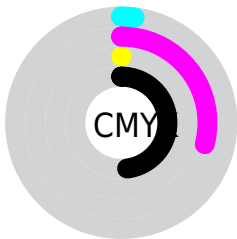
Distribution



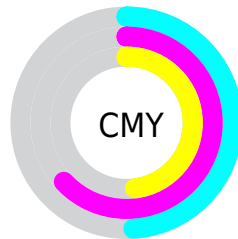
- Red (51%)
- Green (37%)
- Blue (52%)



- Red (51%)
- Yellow (37%)
- Blue (52%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3735, 14.4172, 23.6969 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 17.3735, 14.4172, 23.6969 by changing the saturation by 10% instead.

■ 17.3735, 14.4172,
23.6969

■ 17.3735, 14.4172,
23.6969

230.4302,
219.8110, 284.5215

■ 10.5981, 8.4114,
14.8988

■ 38.5054, 33.8275,
50.4727

■ 5.8626, 4.3593,
8.6026

■ 53.5925, 48.0007,
69.2876

■ 2.8016, 1.8765,
4.3896

■ 72.1810, 65.6653,
92.2784

■ 1.0497, 0.5342,
1.8414

■ 94.6361, 87.2055,
119.8638

■ 0.0000, 0.0000,
0.4551

121.3232,
113.0058, 152.4623

■ 0.0000, 0.0000,
0.0000

152.6077,

143.4506, 190.4924

188.8549,
178.9242, 234.3726

■ 17.3735, 14.4172,
23.6969

■ 17.3735, 14.4172,
23.6969

■ 16.1926, 12.2127,
23.3339

■ 18.7568, 17.0248,
24.1275

■ 15.2025, 10.3891,
23.0340

■ 20.3506, 20.0526,
24.6279

■ 14.3925, 8.9247,
22.7941

■ 22.1643, 23.5191,
25.2015

■ 13.7504, 7.7950,
22.6099

■ 24.2062, 27.4409,
25.8508

■ 13.2625, 6.9725,
22.4768

■ 26.4842, 31.8340,
26.5787

■ 12.9126, 6.4250,
22.3896

■ 29.0060, 36.7134,
27.3876

■ 12.6600, 6.0712,
22.3346

■ 31.7786, 42.0936,
28.2800

■ 12.6303, 6.0300,
22.3282

■ 34.8092, 47.9884,
29.2581

■ 38.1042, 54.4112,
30.3241

Harmonies

Analogous

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



15.4972, 14.4172, 29.2351



17.3735, 14.4172, 23.6969



18.2747, 14.4172, 16.8815

Triad

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



17.3735, 14.4172, 23.6969



14.1104, 14.4172, 6.5750



10.2539, 14.4172, 21.1605

Complementary

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



17.3735, 14.4172, 23.6969



15.0960, 19.7978, 13.6161

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.



9.9656, 14.4172, 14.5709



17.3735, 14.4172, 23.6969



12.0532, 14.4172, 7.1574

Square

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



17.3735, 14.4172, 23.6969



16.2679, 14.4172, 7.8637



10.5899, 14.4172, 9.7381



11.4232, 14.4172, 27.5213

Rectangle

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



17.3735, 14.4172, 23.6969



18.1396, 14.4172, 12.9110



10.5899, 14.4172, 9.7381



10.0563, 14.4172, 18.8595

Sweetspot

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



17.3740, 14.4178, 23.6972



35.7231, 35.0858, 43.3426



13.0133, 12.5097, 23.5587



8.2294, 8.0017, 10.0634



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.



17.3740, 14.4178, 23.6972



29.1119, 22.6072, 41.2824



16.6442, 14.1617, 18.2378



4.8343, 4.7507, 5.8629



12.2305, 5.8392, 21.6192



0.0442, 0.0212, 0.0750

Inverse Universe

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



15.6302, 13.7561, 12.8984



25.5007, 21.2409, 18.7350



15.7078, 20.0186, 17.9221



4.6818, 4.6924, 4.9366



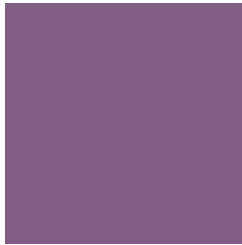
9.2511, 4.7648, 0.6286



0.0327, 0.0167, 0.0054

Previews

White Background



This preview shows how the XYZ color 17.3735, 14.4172, 23.6969 looks on a white background.

Color Contrast Check

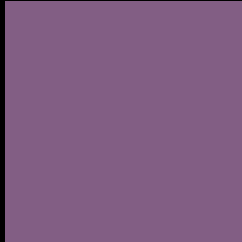
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3735, 14.4172, 23.6969 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 17.3735, 14.4172, 23.6969

Background



This preview shows how black text looks on a background with the XYZ color 17.3735, 14.4172, 23.6969.



This preview shows how white text looks on a background with the XYZ color 17.3735, 14.4172,

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

17.3735, 14.4172, 23.6969

Protanopia

14.7150, 14.5380, 26.8415

Deuteranopia

14.8053, 14.5156, 23.1406



Tritanopia

15.7199, 14.4208, 15.8649

Trichromacy



Original Color

17.3735, 14.4172, 23.6969

Protanomaly

15.4757, 14.3647, 25.6239

Deuteranomaly

15.5933, 14.3304, 23.4169

Tritanomaly

16.1795, 14.3224, 18.4347

Monochromacy



Original Color

17.3735, 14.4172, 23.6969

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4973, 14.9669, 18.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3735, 14.4172, 23.6969 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(130, 94, 132)` looks like.

```
.text, #text, p{  
  color:rgb(130, 94, 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(130, 94, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 94, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.3735, 14.4172, 23.6969 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(130, 94, 132) }
```


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

```
.border{ border-color:rgb(130, 94, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 94, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 94, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 94, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 94,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3735, 14.4172, 23.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 94, 132) }
```

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

```
.background{ background-color: rgb(130, 94,  
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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