

Converting Colors

XYZ(17.1031, 13.7708, 23.0577)

Have a look what the booklet for
XYZ(17.1031, 13.7708, 23.0577)
contains.

XYZ(17.1130, 13.7763, 23.2299)	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(17.1130, 13.7763,
23.2299)**

Conversions

Conversions Part 1

Format	Color
Hex	835A83
RGB	131, 90, 131
RGB Percent	51%, 35%, 51%
CMY	0.4863, 0.6470, 0.4863
CMYK	0.00, 0.31, 0.00, 0.49
HSL	300°, 19%, 43%
HSV	300°, 31%, 51%
XYZ	17.1130, 13.7763, 23.2299
YIQ	106.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

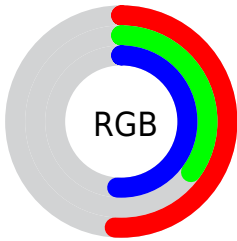
Format	Color
R_{YB}	131, 90, 131
Decimal	8608387
CIE _{Lab}	43.91, 24.10, -16.21
CIE _{LCh}	44, 29.047, 326.071
Yxy	13.7763, 0.3162, 0.2546
Android (android.graphics.Color)	4286798467 (0xFF835A83)
YUV	106.9330, 11.8650, 21.1068
Hunter-Lab	37.1164, 17.3459, -11.1261

Details

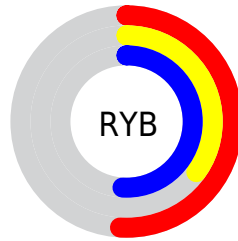
The XYZ color **17.1130, 13.7763, 23.2299** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.1788, 19.1450, 12.6217**, and the grayscale version is **13.9229, 14.6480, 15.9517**.

A 20% lighter version of the original color is **38.1842, 32.8247, 49.6707**, and **5.7424, 4.0712, 8.2677** is the 20% darker color. If you saturate the color by 10%, you get **16.1041, 11.7582, 22.8937**, and if you desaturate by 10%, it is **18.3175, 16.1851, 23.6316**.

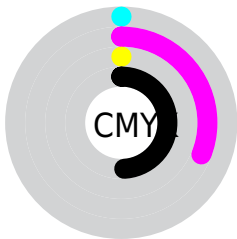
Distribution



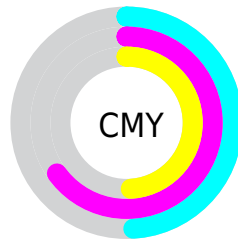
- Red (51%)
- Green (35%)
- Blue (51%)



- Red (51%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1130, 13.7763, 23.2299 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 17.1130, 13.7763, 23.2299 by changing the saturation by 10% instead.

■ 17.1130, 13.7763,
23.2299

■ 17.1130, 13.7763,
23.2299

228.9663,
215.8347, 282.0637

■ 10.4109, 7.9652,
14.5565

■ 38.0620, 32.6916,
49.6985

■ 5.7366, 4.0727,
8.3655

■ 53.0396, 46.5646,
68.3308

■ 2.7247, 1.7143,
4.2386

■ 71.5065, 63.8937,
91.1197

■ 1.0099, 0.4329,
1.7571

■ 93.8279, 85.0633,
118.4839

■ 0.0000, 0.0000,
0.3995

■ 120.3692,
110.4578, 150.8419

■ 0.0000, 0.0000,
0.0000

151.4958,

140.4616, 188.6121

187.5731,
175.4591, 232.2132

■ 17.1130, 13.7763,
23.2299

■ 17.1130, 13.7763,
23.2299

■ 16.1041, 11.7582,
22.8937

■ 18.3175, 16.1851,
23.6316

■ 15.2793, 10.1087,
22.6187

■ 19.7259, 19.0018,
24.1011

■ 14.6279, 8.8058,
22.4015

■ 21.3473, 22.2446,
24.6417

■ 14.1375, 7.8250,
22.2380

■ 23.1902, 25.9304,
25.2560

■ 13.7941, 7.1382,
22.1235

■ 25.2624, 30.0747,
25.9468

■ 13.5813, 6.7128,
22.0525

■ 27.5714, 34.6928,
26.7165

■ 13.4570, 6.4641,
22.0110

■ 30.1244, 39.7988,
27.5676

■ 32.9283, 45.4065,
28.5023

■ 35.9896, 51.5290,
29.5227

Harmonies

Analogous

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



15.1334, 13.7763, 29.4798



17.1130, 13.7763, 23.2299



18.0153, 13.7763, 15.8839

Triad

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



17.1130, 13.7763, 23.2299



13.3990, 13.7763, 5.5860



9.5125, 13.7763, 21.2772

Complementary

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



17.1130, 13.7763, 23.2299



14.1788, 19.1450, 12.6217

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.



9.1620, 13.7763, 14.1496



17.1130, 13.7763, 23.2299



11.2465, 13.7763, 6.2627

Square

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



17.1130, 13.7763, 23.2299



15.7183, 13.7763, 6.7596



9.7593, 13.7763, 8.9875



10.7793, 13.7763, 28.1403

Rectangle

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



17.1130, 13.7763, 23.2299



17.8153, 13.7763, 11.7625



9.7593, 13.7763, 8.9875



9.2905, 13.7763, 18.7830

Sweetspot

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



17.1134, 13.7769, 23.2302



35.8986, 35.1763, 43.3507



11.9699, 11.1253, 22.9897



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.



17.1134, 13.7769, 23.2302



29.2448, 21.8686, 41.1324



15.8585, 13.2749, 16.6220



4.8579, 4.7628, 5.8640



13.2461, 6.3628, 21.6661



0.0459, 0.0220, 0.0751

Inverse Universe

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



17.1134, 13.7769, 23.2302



29.2448, 21.8686, 41.1324



15.1751, 19.5435, 17.8680



4.8579, 4.7628, 5.8640



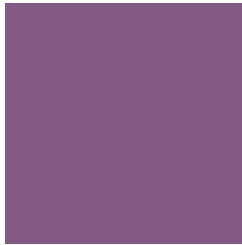
13.2461, 6.3628, 21.6661



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 17.1130, 13.7763, 23.2299 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 17.1130, 13.7763, 23.2299 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 17.1130, 13.7763, 23.2299

Background



This preview shows how black text looks on a background with the XYZ color 17.1130, 13.7763, 23.2299.



This preview shows how white text looks on a background with the XYZ color 17.1130, 13.7763,

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

17.1130, 13.7763, 23.2299

Protanopia

14.0981, 13.9211, 26.7549

Deuteranopia

14.1933, 13.9125, 22.7062



Tritanopia

15.3834, 13.8570, 14.6958

Trichromacy



Original Color

17.1130, 13.7763, 23.2299

Protanomaly

14.9464, 13.6673, 25.5172

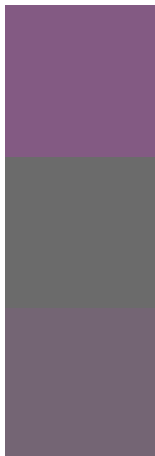
Deuteranomaly

15.2070, 13.8578, 22.9924

Tritanomaly

15.8854, 13.7869, 17.4467

Monochromacy



Original Color

17.1130, 13.7763, 23.2299

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.0085, 14.2813, 18.4885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1130, 13.7763, 23.2299 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(131, 90, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 90, 131)  
}
```

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(131, 90, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 90, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.1130, 13.7763, 23.2299 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(131, 90, 131) }
```


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

```
.border{ border-color:rgb(131, 90, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 90, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 90, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 90, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 90,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1130, 13.7763, 23.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 90, 131) }
```

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

```
.background{ background-color: rgb(131, 90,  
131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor