

Converting Colors

XYZ(17.1935, 18.6911, 8.6509)

Have a look what the booklet for
XYZ(17.1935, 18.6911, 8.6509)
contains.

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Color

**XYZ(17.2139, 18.7132,
8.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	837847
RGB	131, 120, 71
RGB Percent	51%, 47%, 28%
CMY	0.4863, 0.5294, 0.7216
CMYK	0.00, 0.08, 0.46, 0.49
HSL	49°, 30%, 40%
HSV	49°, 46%, 51%
XYZ	17.2139, 18.7132, 8.6660
YIQ	117.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

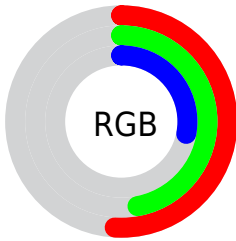
Format	Color
RYB	84, 131, 71
Decimal	8616007
CIELab	50.35, -3.10, 28.37
CIElCh	50, 28.536, 96.240
Yxy	18.7132, 0.3860, 0.4196
Android (android.graphics.Color)	4286806087 (0xFF837847)
YUV	117.7030, -23.0246, 11.6615
Hunter-Lab	43.2588, -4.6726, 18.4036

Details

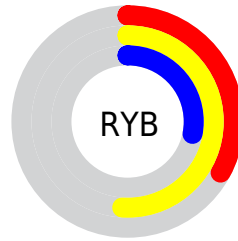
The XYZ color **17.2139, 18.7132, 8.6660** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.7125, 9.0126, 22.7004**, and the grayscale version is **17.1922, 18.0876, 19.6974**.

A 20% lighter version of the original color is **38.1503, 41.1754, 23.7062**, and **5.8011, 6.4104, 1.8513** is the 20% darker color. If you saturate the color by 10%, you get **16.5530, 17.9933, 6.5905**, and if you desaturate by 10%, it is **17.9736, 19.4856, 11.2222**.

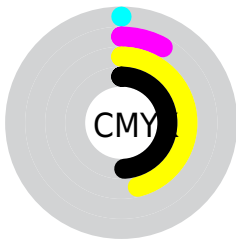
Distribution



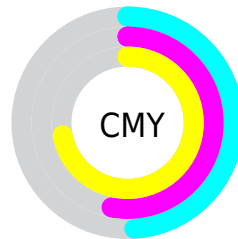
- Red (51%)
- Green (47%)
- Blue (28%)



- Red (33%)
- Yellow (51%)
- Blue (28%)



- Cyan (0%)
- Magenta (8%)
- Yellow (46%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2139, 18.7132, 8.6660 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 17.2139, 18.7132, 8.6660 by changing the saturation by 10% instead.

■ 17.2139, 18.7132,
8.6660

■ 17.2139, 18.7132,
8.6660

229.5343,
244.8609, 190.9918

■ 10.4834, 11.4632,
4.4301

■ 38.2339, 41.2489,
23.8215

■ 5.7853, 6.3793,
1.8642

■ 53.2540, 57.3034,
35.5781

■ 2.7544, 3.0771,
0.4698

■ 71.7680, 77.0616,
50.6789

■ 1.0252, 1.1721,
0.0000

■ 94.1413, 100.9078,
69.5421

■ 0.0000, 0.0387,
0.0000

■ 120.7393,
129.2264, 92.5865

■ 0.0000, 0.0000,
0.0000

151.9272,

162.4019, 120.2306

188.0704,
200.8186, 152.8928

■ 17.2139, 18.7132,
8.6660

■ 17.2139, 18.7132,
8.6660

■ 16.5530, 17.9933,
6.5905

■ 17.9736, 19.4856,
11.2222

■ 15.9837, 17.3208,
4.9635

■ 18.8362, 20.3102,
14.2861

■ 15.4997, 16.6938,
3.7506

■ 19.8070, 21.1898,
17.8842

■ 15.0934, 16.1093,
2.9123

■ 20.8909, 22.1264,
22.0407

■ 14.7527, 15.5623,
2.3843

■ 22.0921, 23.1219,
26.7785

■ 14.6168, 15.3388,
2.1903

■ 23.4148, 24.1780,
32.1190

■ 24.8629, 25.2963,
38.0826

■ 26.4401, 26.4784,
44.6887

■ 28.1500, 27.7259,
51.9560

Harmonies

Analogous

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



20.0188, 18.7132, 9.3637



17.2139, 18.7132, 8.6660



14.8209, 18.7132, 10.3858

Triad

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



17.2139, 18.7132, 8.6660



13.8285, 18.7132, 30.7840



23.1177, 18.7132, 27.1570

Complementary

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



17.2139, 18.7132, 8.6660



9.7125, 9.0126, 22.7004

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.



21.1231, 18.7132, 35.3136



17.2139, 18.7132, 8.6660



15.7263, 18.7132, 37.7593

Square

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



17.2139, 18.7132, 8.6660



13.0014, 18.7132, 22.0782



18.3713, 18.7132, 39.6020



23.6211, 18.7132, 18.7627

Rectangle

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



17.2139, 18.7132, 8.6660



13.7171, 18.7132, 13.0224



18.3713, 18.7132, 39.6020



22.5899, 18.7132, 30.0777

Sweetspot

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



17.2144, 18.7141, 8.6664



35.7441, 38.1878, 33.0624



13.1364, 9.9412, 9.2094



8.2412, 8.8196, 7.3922



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.



17.2144, 18.7141, 8.6664



29.5916, 32.1638, 11.6480



15.9358, 20.1323, 9.0075



4.9691, 5.2818, 4.9870



14.3898, 15.1022, 2.1566



0.0545, 0.0617, 0.0090

Inverse Universe

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



9.7125, 9.0126, 22.7004



14.3995, 12.5315, 40.1130



10.5666, 8.3191, 22.5215



4.4985, 4.6725, 5.8655



4.3559, 2.2595, 21.3432



0.0190, 0.0157, 0.0753

Previews

White Background



This preview shows how the XYZ color 17.2139, 18.7132, 8.6660 looks on a white 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

Black Background



This preview shows how the XYZ color 17.2139, 18.7132, 8.6660 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2139, 18.7132, 8.6660

Background



This preview shows how black text looks on a background with the XYZ color 17.2139, 18.7132, 8.6660.



This preview shows how white text looks on a background with the XYZ color 17.2139, 18.7132,

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

17.2139, 18.7132, 8.6660

Protanopia

17.2139, 18.7132, 8.6660

Deuteranopia

18.8641, 18.5222, 8.7118



Tritanopia

19.7458, 18.6989, 21.3074

Trichromacy



Original Color

17.2139, 18.7132, 8.6660

Protanomaly

17.2139, 18.7132, 8.6660

Deuteranomaly

18.2303, 18.5341, 8.7475

Tritanomaly

18.5756, 18.5586, 15.6998

Monochromacy



Original Color

17.2139, 18.7132, 8.6660

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1142, 18.3442, 14.9507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2139, 18.7132, 8.6660 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, 120, 71)` looks like.

```
.text, #text, p{  
    color:rgb(131, 120, 71)  
}
```

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, 120, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 120, 71) }
```

Border

The CSS property to change the border of an element to XYZ 17.2139, 18.7132, 8.6660 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, 120, 71) }
```


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

```
.border{ border-color:rgb(131, 120, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 120, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 120, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 120, 71);  
box-shadow:4px 4px 4px 4px rgb(131, 120,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2139, 18.7132, 8.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 120, 71) }
```

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

```
.background{ background-color: rgb(131,  
120, 71) }
```

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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