

Converting Colors

XYZ(17.0965, 18.2259, 8.9260)

Have a look what the booklet for
XYZ(17.0965, 18.2259, 8.9260)
contains.

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Color

**XYZ(17.1968, 18.3434,
8.9376)**

Conversions

Conversions Part 1

Format	Color
Hex	847649
RGB	132, 118, 73
RGB Percent	52%, 46%, 29%
CMY	0.4824, 0.5372, 0.7137
CMYK	0.00, 0.11, 0.45, 0.48
HSL	46°, 29%, 40%
HSV	46°, 45%, 52%
XYZ	17.1968, 18.3434, 8.9376
YIQ	117.0560, 22.7890, -11.0270

Conversions

Conversions Part 2

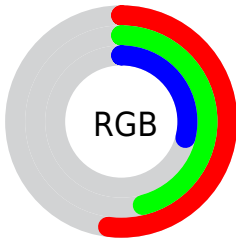
Format	Color
RYB	91, 132, 73
Decimal	8681033
CIELab	49.91, -1.30, 26.72
CIElCh	50, 26.750, 92.783
Yxy	18.3434, 0.3866, 0.4124
Android (android.graphics.Color)	4286871113 (0xFF847649)
YUV	117.0560, -21.7196, 13.1059
Hunter-Lab	42.8292, -3.2797, 17.6078

Details

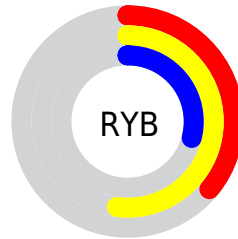
The XYZ color **17.1968, 18.3434, 8.9376** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3207, 9.8987, 23.1966**, and the grayscale version is **16.9865, 17.8711, 19.4617**.

A 20% lighter version of the original color is **38.1373, 40.5937, 24.2377**, and **5.7931, 6.2135, 1.9926** is the 20% darker color. If you saturate the color by 10%, you get **16.4423, 17.4619, 6.7514**, and if you desaturate by 10%, it is **18.0574, 19.2883, 11.6180**.

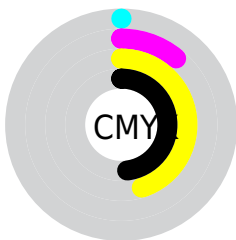
Distribution



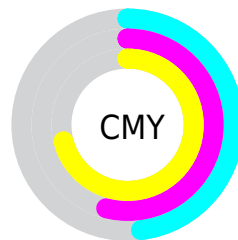
- Red (52%)
- Green (46%)
- Blue (29%)



- Red (36%)
- Yellow (52%)
- Blue (29%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)
- Black (48%)



- Cyan (48%)
- Magenta (54%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1968, 18.3434, 8.9376 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 17.1968, 18.3434, 8.9376 by changing the saturation by 10% instead.

■ 17.1968, 18.3434,
8.9376

■ 17.1968, 18.3434,
8.9376

229.4381,
242.7996, 193.1126

■ 10.4711, 11.1968,
4.6042

■ 38.2047, 40.6216,
24.3528

■ 5.7770, 6.1994,
1.9623

■ 53.2177, 56.5220,
36.2718

■ 2.7494, 2.9667,
0.5320

■ 71.7237, 76.1091,
51.5564

■ 1.0226, 1.1144,
0.0000

■ 94.0882, 99.7674,
70.6252

■ 0.0000, 0.0000,
0.0000

■ 120.6766,
127.8812, 93.8966

151.8541,

160.8349, 121.7893

187.9862,
199.0129, 154.7218

■ 17.1968, 18.3434,
8.9376

■ 17.1968, 18.3434,
8.9376

■ 16.4423, 17.4619,
6.7514

■ 18.0574, 19.2883,
11.6180

■ 15.7864, 16.6386,
5.0269

■ 19.0283, 20.2963,
14.8200

■ 15.2229, 15.8715,
3.7297

■ 20.1149, 21.3707,
18.5702

■ 14.7441, 15.1573,
2.8198

■ 21.3222, 22.5134,
22.8933

■ 14.3395, 14.4916,
2.2424

■ 22.6545, 23.7265,
27.8124

■ 14.1388, 14.1517,
1.9863

■ 24.1161, 25.0117,
33.3491

■ 25.7111, 26.3710,
39.5243

■ 27.4432, 27.8060,
46.3577

■ 29.3162, 29.3184,
53.8680

Harmonies

Analogous

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



19.7857, 18.3434, 9.8723



17.1968, 18.3434, 8.9376



14.9018, 18.3434, 10.3067

Triad

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



17.1968, 18.3434, 8.9376



13.6135, 18.3434, 28.6248



22.1915, 18.3434, 27.1431

Complementary

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



17.1968, 18.3434, 8.9376



10.3207, 9.8987, 23.1966

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.



20.2398, 18.3434, 34.3326



17.1968, 18.3434, 8.9376



15.2780, 18.3434, 35.3248

Square

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



17.1968, 18.3434, 8.9376



12.9639, 18.3434, 20.6656



17.6751, 18.3434, 37.6328



22.8311, 18.3434, 19.2958

Rectangle

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



17.1968, 18.3434, 8.9376



13.7996, 18.3434, 12.5989



17.6751, 18.3434, 37.6328



21.6583, 18.3434, 29.7760

Sweetspot

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



17.1973, 18.3443, 8.9380



35.7181, 37.9197, 33.7198



13.6496, 10.3713, 10.4610



8.2241, 8.7399, 7.5270



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.



17.1973, 18.3443, 8.9380



28.8998, 30.6825, 11.7185



16.8238, 20.7830, 9.4284



4.9486, 5.2408, 4.9801



13.6940, 13.7107, 1.9247



0.0530, 0.0587, 0.0085

Inverse Universe

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



10.3207, 9.8987, 23.1966



15.1302, 13.7858, 40.3166



10.5485, 8.4938, 22.9135



4.5176, 4.7108, 5.8719



4.5188, 2.5854, 21.3976



0.0205, 0.0187, 0.0758

Previews

White Background



This preview shows how the XYZ color 17.1968, 18.3434, 8.9376 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 17.1968, 18.3434, 8.9376 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 17.1968, 18.3434, 8.9376

Background



This preview shows how black text looks on a background with the XYZ color 17.1968, 18.3434, 8.9376.



This preview shows how white text looks on a background with the XYZ color 17.1968, 18.3434,

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

17.1968, 18.3434, 8.9376

Protanopia

17.0053, 18.4205, 8.9626

Deuteranopia

18.6428, 18.2340, 9.0155



Tritanopia

19.5619, 18.2872, 20.5879

Trichromacy



Original Color

17.1968, 18.3434, 8.9376

Protanomaly

17.1595, 18.5000, 8.9698

Deuteranomaly

18.1820, 18.3313, 9.0586

Tritanomaly

18.5077, 18.1850, 15.6313

Monochromacy



Original Color

17.1968, 18.3434, 8.9376

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.7363, 17.7997, 14.8655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1968, 18.3434, 8.9376 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, 118, 73)` looks like.

```
.text, #text, p{  
    color:rgb(132, 118, 73)  
}
```

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, 118, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 118, 73) }
```

Border

The CSS property to change the border of an element to XYZ 17.1968, 18.3434, 8.9376 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, 118, 73) }
```


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

```
.border{ border-color:rgb(132, 118, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 118, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 118, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 118, 73);  
box-shadow:4px 4px 4px 4px rgb(132, 118,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1968, 18.3434, 8.9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 118, 73) }
```

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

```
.background{ background-color: rgb(132,  
118, 73) }
```

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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