

Converting Colors

XYZ(18.2364, 21.5040, 17.2406)

Have a look what the booklet for
XYZ(18.2364, 21.5040, 17.2406)
contains.

XYZ(18.2968, 21.5708, 17.3866)	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(18.2968, 21.5708,
17.3866)**

Conversions

Conversions Part 1

Format	Color
Hex	74856C
RGB	116, 133, 108
RGB Percent	45%, 52%, 42%
CMY	0.5451, 0.4784, 0.5765
CMYK	0.13, 0.00, 0.19, 0.48
HSL	101°, 10%, 47%
HSV	101°, 19%, 52%
XYZ	18.2968, 21.5708, 17.3866
YIQ	125.0670, -2.1070, -11.3790

Conversions

Conversions Part 2

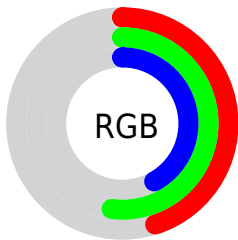
Format	Color
R_{YB}	108, 133, 125
Decimal	7636332
CIE _{Lab}	53.57, -11.16, 11.44
CIE _{LCh}	54, 15.985, 134.296
Yxy	21.5708, 0.3196, 0.3768
Android (android.graphics.Color)	4285826412 (0xFF74856C)
YUV	125.0670, -8.4140, -7.9518
Hunter-Lab	46.4444, -10.9574, 10.3157

Details

The XYZ color **18.2968, 21.5708, 17.3866** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.0545, 16.7792, 24.4786**, and the grayscale version is **19.5440, 20.5618, 22.3918**.

A 20% lighter version of the original color is **39.9654, 45.9458, 39.5629**, and **6.3195, 7.7524, 5.5782** is the 20% darker color. If you saturate the color by 10%, you get **16.4981, 20.7198, 13.8851**, and if you desaturate by 10%, it is **20.3218, 22.5272, 21.4634**.

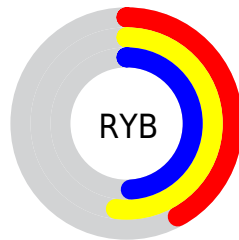
Distribution



Red (45%)

Green (52%)

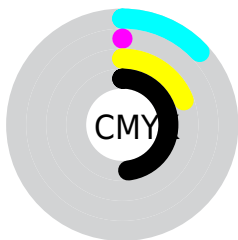
Blue (42%)



Red (42%)

Yellow (52%)

Blue (49%)

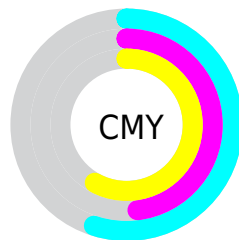


Cyan (13%)

Magenta (0%)

Yellow (19%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2968, 21.5708, 17.3866 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 18.2968, 21.5708, 17.3866 by changing the saturation by 10% instead.

■ 18.2968, 21.5708,
17.3866

■ 18.2968, 21.5708,
17.3866

235.5520,
260.2966, 249.5094

■ 11.2643, 13.5419,
10.3456

■ 40.0685, 46.0356,
39.7890

■ 6.3135, 7.8027,
5.5201

■ 55.5385, 63.2402,
55.9875

■ 3.0791, 3.9690,
2.4915

■ 74.5516, 84.2723,
76.0757

■ 1.1957, 1.6562,
0.8357

■ 97.4732, 109.5160,
100.4720

■ 0.1030, 0.3951,
0.0000

124.6687,
139.3560, 129.5950

■ 0.0000, 0.0000,
0.0000

156.5034,

174.1764, 163.8632

193.3428,
214.3619, 203.6951

■ 18.2968, 21.5708,
17.3866

■ 18.2968, 21.5708,
17.3866

■ 16.4981, 20.7198,
13.8851

■ 20.3218, 22.5272,
21.4634

■ 14.9157, 19.9678,
10.9316

■ 22.5791, 23.5898,
26.1382

■ 13.5415, 19.3118,
8.4987

■ 25.0766, 24.7627,
31.4344

■ 12.3660, 18.7476,
6.5562

■ 27.8214, 26.0491,
37.3735

■ 11.3792, 18.2707,
5.0707

■ 30.8203, 27.4520,
43.9762

■ 10.5698, 17.8762,
4.0045

■ 34.0797, 28.9744,
51.2622

■ 9.9253, 17.5586,
3.3142

■ 37.6058, 30.6190,
59.2502

■ 9.4202, 17.3070,
2.8900

■ 41.4047, 32.3886,
67.9584

■ 9.3657, 17.2800,
2.8417

■ 45.4822, 34.2858,
77.4042

Harmonies

Analogous

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



19.7034, 21.5708, 15.5120



18.2968, 21.5708, 17.3866



17.5052, 21.5708, 21.0358

Triad

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



18.2968, 21.5708, 17.3866



19.6276, 21.5708, 33.7360



23.8466, 21.5708, 21.2437

Complementary

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



18.2968, 21.5708, 17.3866



18.0545, 16.7792, 24.4786

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.



23.8236, 21.5708, 26.1214



18.2968, 21.5708, 17.3866



21.3227, 21.5708, 33.8121

Square

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



18.2968, 21.5708, 17.3866



18.2440, 21.5708, 30.6740



22.8785, 21.5708, 30.8695



22.9399, 21.5708, 17.5206

Rectangle

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



18.2968, 21.5708, 17.3866



17.4035, 21.5708, 24.1973



22.8785, 21.5708, 30.8695



23.9489, 21.5708, 22.7906

Sweetspot

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



18.2974, 21.5717, 17.3871



37.4250, 40.8271, 40.5564



19.6720, 20.6531, 17.1373



8.3851, 9.1761, 9.0415



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.



18.2974, 21.5717, 17.3871



31.1936, 37.8852, 28.0469



17.5065, 21.1378, 18.5357



4.7462, 5.2717, 4.9968



8.9283, 16.4626, 2.7070



0.0379, 0.0606, 0.0097

Inverse Universe

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



18.0545, 16.7792, 24.4786



30.6656, 27.4895, 43.4282



18.9876, 17.2928, 23.0489



4.7169, 4.6901, 5.8574



8.0988, 3.7092, 21.4258



0.0357, 0.0168, 0.0746

Previews

White Background



This preview shows how the XYZ color 18.2968, 21.5708, 17.3866 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 18.2968, 21.5708, 17.3866 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

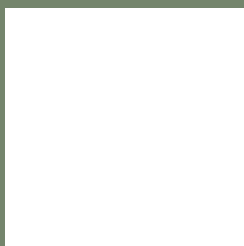
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2968, 21.5708, 17.3866

Background



This preview shows how black text looks on a background with the XYZ color 18.2968, 21.5708, 17.3866.



This preview shows how white text looks on a background with the XYZ color 18.2968, 21.5708,

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

18.2968, 21.5708, 17.3866

Protanopia

20.1308, 21.3496, 16.4245

Deuteranopia

21.7515, 21.4027, 17.7366



Tritanopia

20.3956, 21.6295, 27.5261

Trichromacy



Original Color

18.2968, 21.5708, 17.3866

Protanomaly

19.3539, 21.3303, 16.7328

Deuteranomaly

20.3414, 21.4338, 17.5330

Tritanomaly

19.4867, 21.4457, 23.5345

Monochromacy



Original Color

18.2968, 21.5708, 17.3866

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0750, 20.9078, 20.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2968, 21.5708, 17.3866 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(116, 133, 108)` looks like.

```
.text, #text, p{  
    color:rgb(116, 133, 108)  
}
```

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(116, 133, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 133, 108) }
```

Border

The CSS property to change the border of an element to XYZ 18.2968, 21.5708, 17.3866 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(116, 133, 108) }
```


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

```
.border{ border-color:rgb(116, 133, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 133, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 133, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 133, 108);  
box-shadow:4px 4px 4px 4px rgb(116, 133,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2968, 21.5708, 17.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 133, 108) }
```

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

```
.background{ background-color: rgb(116,  
133, 108) }
```

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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