

Converting Colors

XYZ(14.3084, 18.0710, 17.3044)

Have a look what the booklet for
XYZ(14.3084, 18.0710, 17.3044)
contains.

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Color

**XYZ(14.3410, 18.1497,
17.2154)**

Conversions

Conversions Part 1

Format	Color
Hex	597E6D
RGB	89, 126, 109
RGB Percent	35%, 49%, 43%
CMY	0.6510, 0.5059, 0.5725
CMYK	0.29, 0.00, 0.13, 0.51
HSL	152°, 17%, 42%
HSV	152°, 29%, 49%
XYZ	14.3410, 18.1497, 17.2154
YIQ	112.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

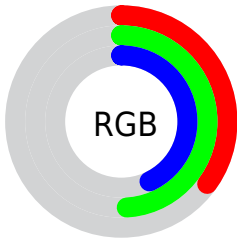
Format	Color
R_{YB}	89, 113, 126
Decimal	5865069
CIE _{Lab}	49.68, -16.91, 5.09
CIE _{LCh}	50, 17.656, 163.247
Yxy	18.1497, 0.2885, 0.3651
Android (android.graphics.Color)	4284055149 (0xFF597E6D)
YUV	112.9990, -1.9715, -21.0471
Hunter-Lab	42.6025, -14.4670, 5.8630

Details

The XYZ color **14.3410, 18.1497, 17.2154** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.7787, 12.6214, 15.2937**, and the grayscale version is **15.7053, 16.5232, 17.9938**.

A 20% lighter version of the original color is **33.2805, 40.3537, 39.2927**, and **4.4782, 6.1478, 5.5080** is the 20% darker color. If you saturate the color by 10%, you get **12.9324, 17.4589, 15.5760**, and if you desaturate by 10%, it is **15.9781, 18.9569, 18.9735**.

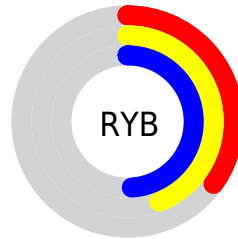
Distribution



Red (35%)

Green (49%)

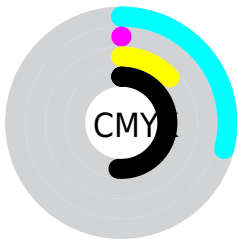
Blue (43%)



Red (35%)

Yellow (44%)

Blue (49%)

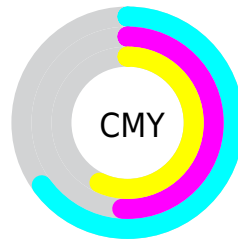


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3410, 18.1497, 17.2154 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 14.3410, 18.1497, 17.2154 by changing the saturation by 10% instead.

■ 14.3410, 18.1497,
17.2154

■ 14.3410, 18.1497,
17.2154

212.8104,
241.7135, 248.4965

■ 8.4415, 11.0575,
10.2246

■ 33.2741, 40.2922,
39.4915

■ 4.4329, 6.1055,
5.4406

■ 47.0384, 56.1114,
55.6138

■ 1.9498, 2.9094,
2.4448

■ 64.1551, 75.6083,
75.6171

■ 0.6056, 1.0846,
0.8107

■ 84.9894, 99.1674,
99.9199

■ 0.0000, 0.0000,
0.0000

109.9067,
127.1731, 128.9406

139.2724,

160.0097, 163.0980

173.4519,
198.0617, 202.8104

■ 14.3410, 18.1497,
17.2154

■ 14.3410, 18.1497,
17.2154

■ 12.9324, 17.4589,
15.5760

■ 15.9781, 18.9569,
18.9735

■ 11.7400, 16.8767,
14.0514

■ 17.8524, 19.8835,
20.8515

■ 10.7523, 16.3977,
12.6395

■ 19.9739, 20.9352,
22.8522

■ 9.9562, 16.0153,
11.3374

■ 22.3517, 22.1164,
24.9779

■ 9.3371, 15.7220,
10.1422

■ 24.9943, 23.4315,
27.2309

■ 8.8781, 15.5090,
9.0508

■ 27.9098, 24.8848,
29.6132

■ 8.5291, 15.3507,
8.0584

■ 31.1060, 26.4802,
32.1272

■ 8.5078, 15.3411,
7.9986

■ 34.5904, 28.2215,
34.7747

■ 38.3702, 30.1123,
37.5579

Harmonies

Analogous

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



15.1325, 18.1497, 13.7645



14.3410, 18.1497, 17.2154



14.2959, 18.1497, 21.9567

Triad

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



14.3410, 18.1497, 17.2154



18.0010, 18.1497, 30.1944



19.7102, 18.1497, 14.0811

Complementary

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



14.3410, 18.1497, 17.2154



14.7787, 12.6214, 15.2937

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.



20.5871, 18.1497, 17.7185



14.3410, 18.1497, 17.2154



19.5580, 18.1497, 27.2888

Square

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



14.3410, 18.1497, 17.2154



16.3370, 18.1497, 30.0006



20.5296, 18.1497, 22.5480



18.1979, 18.1497, 12.1663

Rectangle

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



14.3410, 18.1497, 17.2154



14.6898, 18.1497, 25.2753



20.5296, 18.1497, 22.5480



20.0933, 18.1497, 15.1150

Sweetspot

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



14.3415, 18.1504, 17.2158



31.4773, 35.0248, 36.7546



15.2402, 18.7243, 12.2623



7.0629, 7.9188, 8.2658



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.3415, 18.1504, 17.2158



23.5982, 31.1394, 28.4165



15.1904, 18.2392, 22.4595



4.3656, 4.8546, 5.0965



8.7257, 15.7368, 8.1942



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.7787, 12.6214, 15.2937



24.4947, 19.8071, 24.4790



14.0838, 12.5091, 11.1236



4.4035, 4.3746, 4.9295



9.6057, 4.8620, 4.5135



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.3410, 18.1497, 17.2154 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 14.3410, 18.1497, 17.2154 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 14.3410, 18.1497, 17.2154

Background



This preview shows how black text looks on a background with the XYZ color 14.3410, 18.1497, 17.2154.

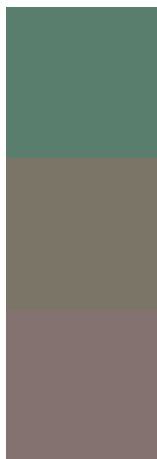


This preview shows how white text looks on a background with the XYZ color 14.3410, 18.1497,

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

14.3410, 18.1497, 17.2154

Protanopia

17.0284, 17.9330, 15.6606

Deuteranopia

18.3020, 18.0298, 17.8447



Tritanopia

15.8639, 18.2115, 24.5089

Trichromacy



Original Color

14.3410, 18.1497, 17.2154

Protanomaly

15.8735, 17.8531, 16.2450

Deuteranomaly

16.5501, 17.8176, 17.6058

Tritanomaly

15.2594, 18.1459, 21.7670

Monochromacy



Original Color

14.3410, 18.1497, 17.2154

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1120, 17.0698, 17.8275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3410, 18.1497, 17.2154 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(89, 126, 109) looks like.

```
.text, #text, p{  
    color:rgb(89, 126, 109)  
}
```

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(89, 126, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 126, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.3410, 18.1497, 17.2154 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(89, 126, 109) }
```


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

```
.border{ border-color:rgb(89, 126, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 126, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 126, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 126, 109);  
box-shadow:4px 4px 4px 4px rgb(89, 126,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3410, 18.1497, 17.2154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 126, 109) }
```

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

```
.background{ background-color: rgb(89, 126,  
109) }
```

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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