

Converting Colors

XYZ(13.9844, 18.4564, 14.1247)

Have a look what the booklet for
XYZ(13.9844, 18.4564, 14.1247)
contains.

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Color

**XYZ(13.9967, 18.4253,
14.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	598061
RGB	89, 128, 97
RGB Percent	35%, 50%, 38%
CMY	0.6510, 0.4980, 0.6196
CMYK	0.30, 0.00, 0.24, 0.50
HSL	132°, 18%, 43%
HSV	132°, 30%, 50%
XYZ	13.9967, 18.4253, 14.1280
YIQ	112.8050, -13.2930, -17.9090

Conversions

Conversions Part 2

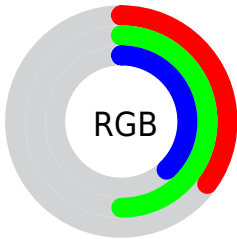
Format	Color
R_{YB}	89, 121, 128
Decimal	5865569
CIE _{Lab}	50.01, -20.48, 12.55
CIE _{LCh}	50, 24.021, 148.490
Yxy	18.4253, 0.3007, 0.3958
Android (android.graphics.Color)	4284055649 (0xFF598061)
YUV	112.8050, -7.7919, -20.8770
Hunter-Lab	42.9247, -16.9137, 10.5329

Details

The XYZ color **13.9967, 18.4253, 14.1280** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.8653, 13.0905, 19.4607**, and the grayscale version is **15.6638, 16.4796, 17.9463**.

A 20% lighter version of the original color is **32.6844, 40.7613, 34.1620**, and **4.2862, 6.2937, 4.0065** is the 20% darker color. If you saturate the color by 10%, you get **12.4292, 17.6691, 11.7351**, and if you desaturate by 10%, it is **15.8396, 19.3175, 16.8523**.

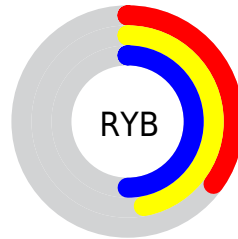
Distribution



Red (35%)

Green (50%)

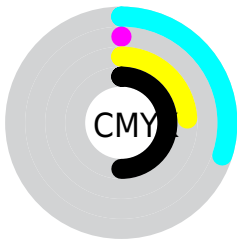
Blue (38%)



Red (35%)

Yellow (47%)

Blue (50%)

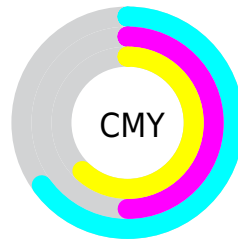


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (50%)



Cyan (65%)

Magenta (50%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9967, 18.4253, 14.1280 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 13.9967, 18.4253, 14.1280 by changing the saturation by 10% instead.

■ 13.9967, 18.4253,
14.1280

■ 13.9967, 18.4253,
14.1280

210.7213,
243.2574, 229.4817

■ 8.2001, 11.2558,
8.0700

■ 32.6695, 40.7607,
34.0364

■ 4.2761, 6.2391,
4.0513

■ 46.2763, 56.6954,
48.7238

■ 1.8595, 2.9910,
1.6536

■ 63.2173, 76.3205,
67.1248

■ 0.5531, 1.1271,
0.3286

■ 83.8577, 100.0205,
89.6578

■ 0.0000, 0.0009,
0.0000

■ 108.5630,
128.1799, 116.7415

■ 0.0000, 0.0000,
0.0000

137.6985,

161.1828, 148.7944

171.6294,
199.4139, 186.2349

■ 13.9967, 18.4253,
14.1280

■ 13.9967, 18.4253,
14.1280

■ 12.4292, 17.6691,
11.7351

■ 15.8396, 19.3175,
16.8523

■ 11.1224, 17.0400,
9.6597

■ 17.9690, 20.3496,
19.9187

■ 10.0622, 16.5316,
7.8889

■ 20.3970, 21.5281,
23.3389

■ 9.2327, 16.1359,
6.4082

■ 23.1346, 22.8584,
27.1238

■ 8.6161, 15.8440,
5.2021

■ 26.1922, 24.3458,
31.2836

■ 8.1917, 15.6458,
4.2535

■ 29.5799, 25.9951,
35.8285

■ 7.9089, 15.5148,
3.5702

■ 33.3071, 27.8111,
40.7678

■ 37.3829, 29.7982,
46.1109

■ 41.8162, 31.9609,
51.8666

Harmonies

Analogous

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



15.4809, 18.4253, 10.8400



13.9967, 18.4253, 14.1280



13.4422, 18.4253, 19.7291

Triad

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



13.9967, 18.4253, 14.1280



17.3961, 18.4253, 35.6292



21.7077, 18.4253, 14.5920

Complementary

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



13.9967, 18.4253, 14.1280



15.8653, 13.0905, 19.4607

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.



22.3317, 18.4253, 20.3987



13.9967, 18.4253, 14.1280



19.7149, 18.4253, 33.4266

Square

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



13.9967, 18.4253, 14.1280



15.2952, 18.4253, 32.9583



21.5731, 18.4253, 27.4609



19.9348, 18.4253, 11.0636

Rectangle

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



13.9967, 18.4253, 14.1280



13.6338, 18.4253, 24.3665



21.5731, 18.4253, 27.4609



22.0653, 18.4253, 16.2969

Sweetspot

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



13.9972, 18.4261, 14.1284



32.1460, 36.0744, 35.7937



17.2966, 20.1679, 12.4326



7.4075, 8.3884, 8.2115



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.9972, 18.4261, 14.1284



22.5599, 31.4344, 21.7087



15.0095, 18.8310, 19.4590



4.3093, 4.8321, 4.8002



7.8423, 15.3835, 3.5423



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8653, 13.0905, 19.4607



26.4303, 20.3714, 32.7499



14.8093, 12.6681, 13.9000



4.4616, 4.3978, 5.2350



11.1931, 5.4969, 12.8723



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9967, 18.4253, 14.1280 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 13.9967, 18.4253, 14.1280 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 13.9967, 18.4253, 14.1280

Background



This preview shows how black text looks on a background with the XYZ color 13.9967, 18.4253, 14.1280.



This preview shows how white text looks on a background with the XYZ color 13.9967, 18.4253,

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

13.9967, 18.4253, 14.1280

Protanopia

17.0144, 18.1652, 12.7347

Deuteranopia

18.6341, 18.2731, 14.6015



Tritanopia

16.1405, 18.3462, 24.8808

Trichromacy



Original Color

13.9967, 18.4253, 14.1280

Protanomaly

15.7900, 18.2379, 13.2777

Deuteranomaly

16.5947, 18.0876, 14.4210

Tritanomaly

15.2380, 18.3505, 20.5082

Monochromacy



Original Color

13.9967, 18.4253, 14.1280

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.8412, 16.9615, 16.4016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9967, 18.4253, 14.1280 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, 128, 97)` looks like.

```
.text, #text, p{  
    color:rgb(89, 128, 97)  
}
```

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, 128, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 128, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.9967, 18.4253, 14.1280 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, 128, 97) }
```


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

```
.border{ border-color:rgb(89, 128, 97) }
```

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

Here you see how a box with a 4 pixel rgb(89, 128, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 128, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 128, 97);  
box-shadow:4px 4px 4px 4px rgb(89, 128,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9967, 18.4253, 14.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 128, 97) }
```

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

```
.background{ background-color: rgb(89, 128,  
97) }
```

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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