

Converting Colors

XYZ(14.6143, 17.8950, 14.8440)

Have a look what the booklet for
XYZ(14.6143, 17.8950, 14.8440)
contains.

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Color

**XYZ(14.6535, 17.9881,
14.7563)**

Conversions

Conversions Part 1

Format	Color
Hex	637C64
RGB	99, 124, 100
RGB Percent	39%, 49%, 39%
CMY	0.6118, 0.5137, 0.6078
CMYK	0.20, 0.00, 0.19, 0.51
HSL	122°, 11%, 44%
HSV	122°, 20%, 49%
XYZ	14.6535, 17.9881, 14.7563
YIQ	113.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

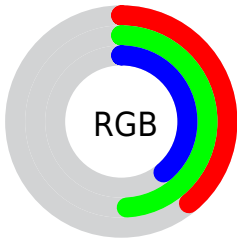
Format	Color
R_{YB}	99, 123, 124
Decimal	6519908
CIE _{Lab}	49.48, -14.14, 10.17
CIE _{LCh}	49, 17.420, 144.287
Yxy	17.9881, 0.3092, 0.3795
Android (android.graphics.Color)	4284709988 (0xFF637C64)
YUV	113.7890, -6.7980, -12.9700
Hunter-Lab	42.4124, -12.5498, 9.0602

Details

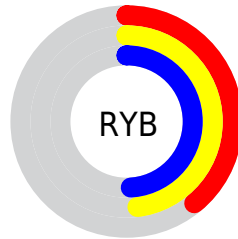
The XYZ color **14.6535, 17.9881, 14.7563** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.3498, 14.6392, 20.7037**, and the grayscale version is **15.9527, 16.7835, 18.2772**.

A 20% lighter version of the original color is **33.8857, 40.1627, 35.2444**, and **4.5749, 6.0193, 4.2889** is the 20% darker color. If you saturate the color by 10%, you get **12.8668, 17.1293, 11.8817**, and if you desaturate by 10%, it is **16.7335, 18.9894, 18.0849**.

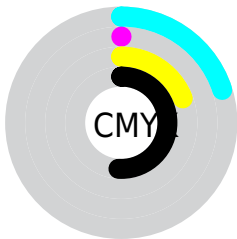
Distribution



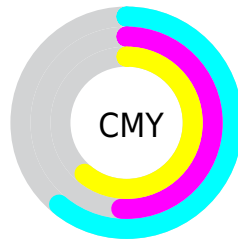
- Red (39%)
- Green (49%)
- Blue (39%)



- Red (39%)
- Yellow (48%)
- Blue (49%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (51%)



- Cyan (61%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6535, 17.9881, 14.7563 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 14.6535, 17.9881, 14.7563 by changing the saturation by 10% instead.

■ 14.6535, 17.9881,
14.7563

■ 14.6535, 17.9881,
14.7563

214.6895,
240.8040, 233.4761

■ 8.6613, 10.9414,
8.5038

■ 33.8208, 40.0170,
35.1613

■ 4.5763, 6.0275,
4.3266

■ 47.7267, 55.7681,
50.1509

■ 2.0330, 2.8618,
1.8062

■ 65.0011, 75.1895,
68.8900

■ 0.6524, 1.0600,
0.4320

■ 86.0095, 98.6655,
91.7971

■ 0.0000, 0.0000,
0.0000

111.1171,
126.5805, 119.2907

140.6894,

159.3190, 151.7894

175.0918,
197.2654, 189.7117

■ 14.6535, 17.9881,
14.7563

■ 14.6535, 17.9881,
14.7563

■ 12.8668, 17.1293,
11.8817

■ 16.7335, 18.9894,
18.0849

■ 11.3587, 16.4043,
9.4404

■ 19.1175, 20.1368,
21.8848

■ 10.1157, 15.8072,
7.4116

■ 21.8177, 21.4366,
26.1737

■ 9.1225, 15.3304,
5.7727

■ 24.8450, 22.8943,
30.9681

■ 8.3622, 14.9659,
4.4986

■ 28.2098, 24.5147,
36.2837

■ 7.8157, 14.7043,
3.5614

■ 31.9221, 26.3028,
42.1357

■ 7.4611, 14.5351,
2.9293

■ 35.9915, 28.2631,
48.5384

■ 7.2352, 14.4269,
2.5458

■ 40.4271, 30.4002,
55.5057

■ 45.2379, 32.7182,
63.0510

Harmonies

Analogous

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



15.8279, 17.9881, 12.4301



14.6535, 17.9881, 14.7563



14.1368, 17.9881, 18.6973

Triad

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



14.6535, 17.9881, 14.7563



16.7840, 17.9881, 30.0628



20.1479, 17.9881, 16.0887

Complementary

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



14.6535, 17.9881, 14.7563



16.3498, 14.6392, 20.7037

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.



20.4444, 17.9881, 20.5023



14.6535, 17.9881, 14.7563



18.4325, 17.9881, 29.0662

Square

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



14.6535, 17.9881, 14.7563



15.3151, 17.9881, 27.9078



19.7984, 17.9881, 25.3689



19.0123, 17.9881, 13.1085

Rectangle

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



14.6535, 17.9881, 14.7563



14.2093, 17.9881, 21.9096



19.7984, 17.9881, 25.3689



20.3519, 17.9881, 17.4328

Sweetspot

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



14.6540, 17.9889, 14.7567



31.0665, 34.1952, 34.4103



17.6529, 19.5404, 14.6458



7.2674, 8.0298, 8.0256



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.



14.6540, 17.9889, 14.7567



24.3383, 30.9581, 23.6413



15.2970, 18.2461, 18.1429



3.9568, 4.4523, 4.3062



7.3547, 14.6655, 2.5867



35.0072, 69.9259, 11.9421

Inverse Universe

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



16.3498, 14.6392, 20.7037



27.8659, 23.9898, 36.0115



15.6255, 14.3495, 16.8895



4.1479, 4.0749, 4.9765



11.8373, 5.7111, 18.2320



56.3875, 27.2113, 86.5596

Previews

White Background



This preview shows how the XYZ color 14.6535, 17.9881, 14.7563 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 14.6535, 17.9881, 14.7563 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 14.6535, 17.9881, 14.7563

Background



This preview shows how black text looks on a background with the XYZ color 14.6535, 17.9881, 14.7563.



This preview shows how white text looks on a background with the XYZ color 14.6535, 17.9881,

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

14.6535, 17.9881, 14.7563

Protanopia

16.8311, 17.8707, 13.8716

Deuteranopia

18.1349, 17.8379, 15.0576



Tritanopia

16.4547, 17.9877, 23.7238

Trichromacy



Original Color

14.6535, 17.9881, 14.7563

Protanomaly

15.9913, 17.9596, 14.1790

Deuteranomaly

16.5954, 17.7271, 14.8589

Tritanomaly

15.6466, 17.8314, 20.0699

Monochromacy



Original Color

14.6535, 17.9881, 14.7563

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5454, 17.3122, 16.9903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6535, 17.9881, 14.7563 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(99, 124, 100) looks like.

```
.text, #text, p{  
    color:rgb(99, 124, 100)  
}
```

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(99, 124, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 124, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.6535, 17.9881, 14.7563 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(99, 124, 100) }
```


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

```
.border{ border-color:rgb(99, 124, 100) }
```

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

Here you see how a box with a 4 pixel rgb(99, 124, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 124, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 124, 100);  
box-shadow:4px 4px 4px 4px rgb(99, 124,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6535, 17.9881, 14.7563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 124, 100) }
```

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

```
.background{ background-color: rgb(99, 124,  
100) }
```

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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