

Converting Colors

XYZ(14.2025, 17.7420, 14.3225)

Have a look what the booklet for
XYZ(14.2025, 17.7420, 14.3225)
contains.

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Color

**XYZ(14.2361, 17.7839,
14.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	607C62
RGB	96, 124, 98
RGB Percent	38%, 49%, 38%
CMY	0.6235, 0.5137, 0.6157
CMYK	0.23, 0.00, 0.21, 0.51
HSL	124°, 13%, 43%
HSV	124°, 23%, 49%
XYZ	14.2361, 17.7839, 14.2376
YIQ	112.6640, -8.3420, -14.0220

Conversions

Conversions Part 2

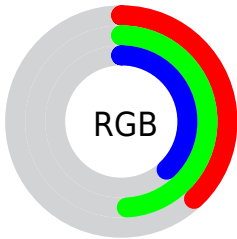
Format	Color
RYB	96, 122, 124
Decimal	6323298
CIELab	49.23, -15.64, 10.96
CIELCh	49, 19.098, 144.988
Yxy	17.7839, 0.3078, 0.3845
Android (android.graphics.Color)	4284513378 (0xFF607C62)
YUV	112.6640, -7.2294, -14.6143
Hunter-Lab	42.1710, -13.5410, 9.5024

Details

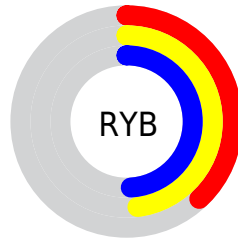
The XYZ color **14.2361, 17.7839, 14.2376** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0085, 14.0563, 20.2824**, and the grayscale version is **15.6194, 16.4328, 17.8953**.

A 20% lighter version of the original color is **33.1796, 39.8173, 34.3705**, and **4.3802, 5.9241, 4.0446** is the 20% darker color. If you saturate the color by 10%, you get **12.5279, 16.9621, 11.5210**, and if you desaturate by 10%, it is **16.2294, 18.7446, 17.3766**.

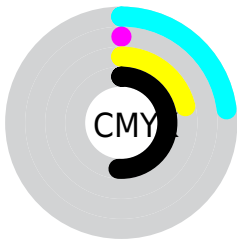
Distribution



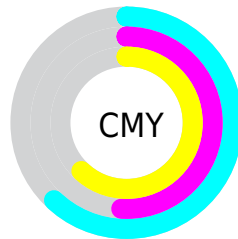
- Red (38%)
- Green (49%)
- Blue (38%)



- Red (38%)
- Yellow (48%)
- Blue (49%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2361, 17.7839, 14.2376 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 14.2361, 17.7839, 14.2376 by changing the saturation by 10% instead.

■ 14.2361, 17.7839,
14.2376

■ 14.2361, 17.7839,
14.2376

212.1761,
239.6502, 230.1836

■ 8.3679, 10.7950,
8.1455

■ 33.0901, 39.6688,
34.2332

■ 4.3850, 5.9291,
4.0991

■ 46.8067, 55.3334,
48.9737

■ 1.9222, 2.8020,
1.6798

■ 63.8700, 74.6588,
67.4342

■ 0.5897, 1.0293,
0.3469

■ 84.6455, 98.0293,
90.0330

■ 0.0000, 0.0000,
0.0000

109.4984,
125.8293, 117.1889

138.7943,

158.4432, 149.3202

172.8984,
196.2553, 186.8456

■ 14.2361, 17.7839,
14.2376

■ 14.2361, 17.7839,
14.2376

■ 12.5279, 16.9621,
11.5210

■ 16.2294, 18.7446,
17.3766

■ 11.0903, 16.2708,
9.2077

■ 18.5183, 19.8478,
20.9537

■ 9.9098, 15.7037,
7.2788

■ 21.1149, 21.0998,
24.9854

■ 8.9713, 15.2536,
5.7136

■ 24.0299, 22.5059,
29.4866

■ 8.2580, 14.9122,
4.4891

■ 27.2736, 24.0711,
34.4719

■ 7.7508, 14.6703,
3.5800

■ 30.8558, 25.8002,
39.9552

■ 7.4275, 14.5171,
2.9575

■ 34.7859, 27.6976,
45.9497

■ 7.2565, 14.4354,
2.6582

■ 39.0730, 29.7679,
52.4681

■ 43.7259, 32.0152,
59.5229

Harmonies

Analogous

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



15.4894, 17.7839, 11.7283



14.2361, 17.7839, 14.2376



13.6989, 17.7839, 18.5146

Triad

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



14.2361, 17.7839, 14.2376



16.6040, 17.7839, 30.9460



20.2211, 17.7839, 15.4885

Complementary

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



14.2361, 17.7839, 14.2376



16.0085, 14.0563, 20.2824

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.



20.5716, 17.7839, 20.2382



14.2361, 17.7839, 14.2376



18.4002, 17.7839, 29.7512

Square

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



14.2361, 17.7839, 14.2376



15.0029, 17.7839, 28.6184



19.8839, 17.7839, 25.5924



18.9572, 17.7839, 12.3561

Rectangle

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



14.2361, 17.7839, 14.2376



13.7895, 17.7839, 22.0284



19.8839, 17.7839, 25.5924



20.4532, 17.7839, 16.9230

Sweetspot

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



14.2366, 17.7847, 14.2380



30.6739, 34.0040, 33.8887



17.3646, 19.4080, 13.8974



7.1830, 7.9886, 7.9170



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.



14.2366, 17.7847, 14.2380



23.4697, 30.5337, 22.5449



14.9492, 18.0697, 17.9907



3.9614, 4.4542, 4.3307



7.3762, 14.6741, 2.7000



35.0614, 69.9476, 12.2271

Inverse Universe

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



16.0085, 14.0563, 20.2824



27.1538, 22.7806, 35.1115



15.2094, 13.7367, 16.0748



4.1427, 4.0728, 4.9492



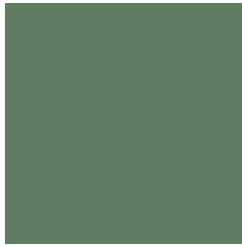
11.6039, 5.6177, 17.0028



55.2190, 26.7439, 80.4062

Previews

White Background



This preview shows how the XYZ color 14.2361, 17.7839, 14.2376 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 14.2361, 17.7839, 14.2376 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 14.2361, 17.7839, 14.2376

Background



This preview shows how black text looks on a background with the XYZ color 14.2361, 17.7839, 14.2376.



This preview shows how white text looks on a background with the XYZ color 14.2361, 17.7839,

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

14.2361, 17.7839, 14.2376

Protanopia

16.5780, 17.5840, 13.1100

Deuteranopia

17.9259, 17.5768, 14.5044



Tritanopia

16.1584, 17.8427, 23.3612

Trichromacy



Original Color

14.2361, 17.7839, 14.2376

Protanomaly

15.6018, 17.5973, 13.4008

Deuteranomaly

16.2433, 17.3847, 14.3039

Tritanomaly

15.3629, 17.6921, 19.7447

Monochromacy



Original Color

14.2361, 17.7839, 14.2376

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1315, 16.9311, 16.6579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2361, 17.7839, 14.2376 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(96, 124, 98) looks like.

```
.text, #text, p{  
    color:rgb(96, 124, 98)  
}
```

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(96, 124, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 124, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.2361, 17.7839, 14.2376 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(96, 124, 98) }
```


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

```
.border{ border-color:rgb(96, 124, 98) }
```

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

Here you see how a box with a 4 pixel rgb(96, 124, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 124, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 124, 98);  
box-shadow:4px 4px 4px 4px rgb(96, 124,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2361, 17.7839, 14.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 124, 98) }
```

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

```
.background{ background-color: rgb(96, 124,  
98) }
```

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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