

Converting Colors

XYZ(14.6867, 14.7632, 21.9775)

Have a look what the booklet for
XYZ(14.6867, 14.7632, 21.9775)
contains.

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Color

**XYZ(14.6288, 14.7575,
21.8161)**

Conversions

Conversions Part 1

Format	Color
Hex	686A7E
RGB	104, 106, 126
RGB Percent	41%, 42%, 49%
CMY	0.5922, 0.5843, 0.5059
CMYK	0.17, 0.16, 0.00, 0.51
HSL	235°, 10%, 45%
HSV	235°, 17%, 49%
XYZ	14.6288, 14.7575, 21.8161
YIQ	107.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

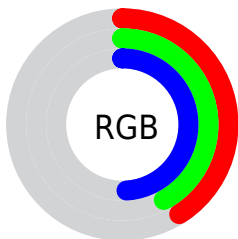
Format	Color
RYB	104, 106, 126
Decimal	6843006
CIELab	45.30, 3.73, -11.34
CIELCh	45, 11.939, 288.199
Yxy	14.7575, 0.2857, 0.2882
Android (android.graphics.Color)	4285033086 (0xFF686A7E)
YUV	107.6820, 9.0308, -3.2291
Hunter-Lab	38.4155, 0.7465, -6.7799

Details

The XYZ color **14.6288, 14.7575, 21.8161** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3105, 19.8501, 15.9633**, and the grayscale version is **14.1423, 14.8788, 16.2030**.

A 20% lighter version of the original color is **33.7112, 34.3372, 47.4988**, and **4.5909, 4.5336, 7.6543** is the 20% darker color. If you saturate the color by 10%, you get **12.1717, 11.8544, 21.3855**, and if you desaturate by 10%, it is **17.4631, 18.0898, 22.3102**.

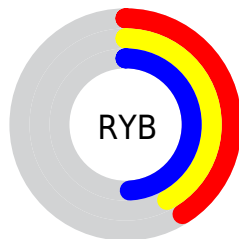
Distribution



Red (41%)

Green (42%)

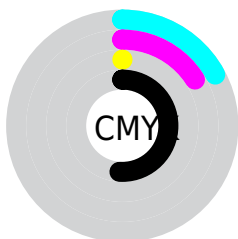
Blue (49%)



Red (41%)

Yellow (42%)

Blue (49%)

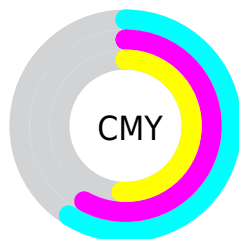


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (51%)



Cyan (59%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6288, 14.7575, 21.8161 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 14.6288, 14.7575, 21.8161 by changing the saturation by 10% instead.

■ 14.6288, 14.7575,
21.8161

■ 14.6288, 14.7575,
21.8161

214.5415,
221.8937, 274.5065

■ 8.6439, 8.6494,
13.5248

■ 33.7777, 34.4272,
47.3401

■ 4.5649, 4.5132,
7.6560

■ 47.6724, 48.7576,
65.4100

■ 2.0264, 1.9646,
3.7910

■ 64.9344, 66.5974,
87.5764

■ 0.6487, 0.5868,
1.5114

■ 85.9291, 88.3313,
114.2580

■ 0.0000, 0.0000,
0.2264

111.0218,
114.3434, 145.8733

■ 0.0000, 0.0000,
0.0000

140.5778,

145.0183, 182.8407

174.9626,
180.7402, 225.5790

■ 14.6288, 14.7575,
21.8161

■ 14.6288, 14.7575,
21.8161

■ 12.1717, 11.8544,
21.3855

■ 17.4631, 18.0898,
22.3102

■ 10.0744, 9.3613,
21.0148

■ 20.6881, 21.8659,
22.8690

■ 8.3206, 7.2602,
20.7017

■ 24.3183, 26.1020,
23.4953

■ 6.8917, 5.5312,
20.4433

■ 28.3673, 30.8127,
24.1912

■ 5.7677, 4.1524,
20.2364

■ 32.8476, 36.0123,
24.9587

■ 4.9262, 3.0997,
20.0775

■ 37.7717, 41.7142,
25.7997

■ 4.3418, 2.3460,
19.9629

■ 43.1513, 47.9314,
26.7162

■ 3.9681, 1.8513,
19.8871

■ 48.9976, 54.6765,
27.7100

■ 3.8910, 1.7566,
19.8728

■ 55.3216, 61.9615,
28.7829

Harmonies

Analogous

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



13.6413, 14.7575, 22.0095



14.6288, 14.7575, 21.8161



15.4922, 14.7575, 19.9779

Triad

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



14.6288, 14.7575, 21.8161



15.3324, 14.7575, 12.3414



12.2466, 14.7575, 14.9804

Complementary

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



14.6288, 14.7575, 21.8161



18.3105, 19.8501, 15.9633

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.



12.6564, 14.7575, 12.7054



14.6288, 14.7575, 21.8161



14.4190, 14.7575, 11.3060

Square

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



14.6288, 14.7575, 21.8161



15.9114, 14.7575, 14.4270



13.4411, 14.7575, 11.4309



12.2968, 14.7575, 17.8298

Rectangle

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



14.6288, 14.7575, 21.8161



15.8670, 14.7575, 18.1766



13.4411, 14.7575, 11.4309



12.3343, 14.7575, 14.1298

Sweetspot

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



14.6293, 14.7581, 21.8164



32.0061, 33.3281, 39.4904



16.7954, 19.3152, 21.8457



7.2089, 7.4973, 8.9702



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.



14.6293, 14.7581, 21.8164



23.9287, 23.8283, 38.0825



15.5008, 14.9046, 21.7988



4.1379, 4.2698, 5.4193



3.9902, 1.7988, 20.3868



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1563, 15.3771, 15.7530



27.1541, 25.1564, 25.2711



17.3228, 19.7172, 15.9897



4.3424, 4.3501, 4.6078



8.8910, 4.5761, 0.7499



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6288, 14.7575, 21.8161 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 14.6288, 14.7575, 21.8161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

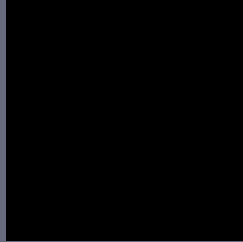
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6288, 14.7575, 21.8161

Background



This preview shows how black text looks on a background with the XYZ color 14.6288, 14.7575, 21.8161.



This preview shows how white text looks on a background with the XYZ color 14.6288, 14.7575,

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

14.6288, 14.7575, 21.8161

Protanopia

14.5134, 14.6980, 21.8107

Deuteranopia

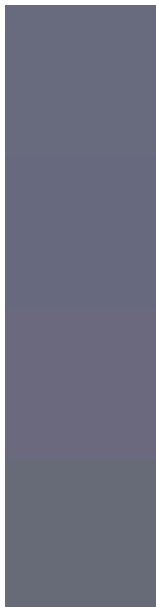
15.0018, 14.7977, 21.8042



Tritanopia

13.9944, 14.8109, 18.6442

Trichromacy



Original Color

14.6288, 14.7575, 21.8161

Protanomaly

14.5134, 14.6980, 21.8107

Deuteranomaly

14.8809, 14.7353, 21.7986

Tritanomaly

14.2414, 14.7550, 19.8667

Monochromacy



Original Color

14.6288, 14.7575, 21.8161

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.4156, 14.8790, 18.3318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6288, 14.7575, 21.8161 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(104, 106, 126) looks like.

```
.text, #text, p{  
    color:rgb(104, 106, 126)  
}
```

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(104, 106, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 106, 126) }
```

Border

The CSS property to change the border of an element to XYZ 14.6288, 14.7575, 21.8161 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(104, 106, 126) }
```


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

```
.border{ border-color:rgb(104, 106, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 106, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 106, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 106, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 106,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6288, 14.7575, 21.8161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 106, 126) }
```

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

```
.background{ background-color: rgb(104,  
106, 126) }
```

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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