

Converting Colors

XYZ(14.8227, 14.1247, 20.7240)

Have a look what the booklet for
XYZ(14.8227, 14.1247, 20.7240)
contains.

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Color

**XYZ(14.7844, 14.1169,
20.6845)**

Conversions

Conversions Part 1

Format	Color
Hex	6F657B
RGB	111, 101, 123
RGB Percent	44%, 40%, 48%
CMY	0.5647, 0.6039, 0.5176
CMYK	0.10, 0.18, 0.00, 0.52
HSL	267°, 10%, 44%
HSV	267°, 18%, 48%
XYZ	14.7844, 14.1169, 20.6845
YIQ	106.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

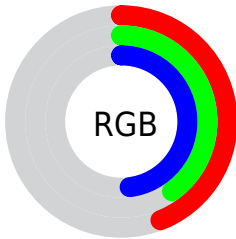
Format	Color
R_{YB}	111, 101, 123
Decimal	7300475
CIE Lab	44.40, 8.56, -10.83
CIE LCh	44, 13.804, 308.298
Yxy	14.1169, 0.2982, 0.2847
Android (android.graphics.Color)	4285490555 (0xFF6F657B)
YUV	106.4980, 8.1355, 3.9483
Hunter-Lab	37.5725, 4.4862, -6.3398

Details

The XYZ color **14.7844, 14.1169, 20.6845** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2424, 18.6165, 15.0498**, and the grayscale version is **13.8153, 14.5347, 15.8283**.

A 20% lighter version of the original color is **34.0704, 33.3381, 45.1966**, and **4.6051, 4.1895, 7.0445** is the 20% darker color. If you saturate the color by 10%, you get **12.8658, 11.4860, 20.2780**, and if you desaturate by 10%, it is **16.9461, 17.1392, 21.1542**.

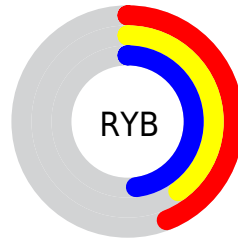
Distribution



Red (44%)

Green (40%)

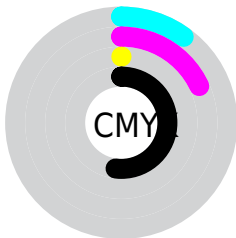
Blue (48%)



Red (44%)

Yellow (40%)

Blue (48%)

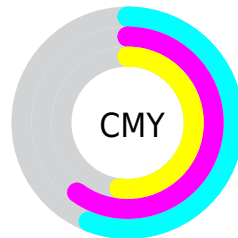


Cyan (10%)

Magenta (18%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (60%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7844, 14.1169, 20.6845 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 14.7844, 14.1169, 20.6845 by changing the saturation by 10% instead.

■ 14.7844, 14.1169,
20.6845

■ 14.7844, 14.1169,
20.6845

215.4719,
217.9569, 268.3228

■ 8.7535, 8.2020,
12.7046

■ 34.0493, 33.2963,
45.4358

■ 4.6366, 4.2245,
7.0971

■ 48.0140, 47.3296,
63.0443

■ 2.0682, 1.7999,
3.4435

■ 65.3541, 64.8379,
84.6994

■ 0.6718, 0.4871,
1.3253

■ 86.4348, 86.2054,
110.8196

■ 0.0000, 0.0000,
0.0824

111.6216,
111.8167, 141.8235

■ 0.0000, 0.0000,
0.0000

141.2798,

142.0561, 178.1297

175.7748,
177.3080, 220.1565

■ 14.7844, 14.1169,
20.6845

■ 14.7844, 14.1169,
20.6845

■ 12.8658, 11.4860,
20.2780

■ 16.9461, 17.1392,
21.1542

■ 11.1796, 9.2281,
19.9311

■ 19.3583, 20.5668,
21.6886

■ 9.7163, 7.3261,
19.6411

■ 22.0298, 24.4147,
22.2905

■ 8.4653, 5.7609,
19.4049

■ 24.9684, 28.6970,
22.9622

■ 7.4148, 4.5111,
19.2190

■ 28.1817, 33.4269,
23.7058

6.5517, 3.5533,
19.0796

31.6770, 38.6172,
24.5234

5.8614, 2.8602,
18.9822

35.4611, 44.2800,
25.4170

5.3095, 2.3661,
18.9160

39.5409, 50.4271,
26.3885

5.2010, 2.2682,
18.9028

43.9229, 57.0698,
27.4397

Harmonies

Analogous

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



13.7281, 14.1169, 22.2477



14.7844, 14.1169, 20.6845



15.5001, 14.1169, 17.7439

Triad

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



14.7844, 14.1169, 20.6845



14.2225, 14.1169, 10.3623



11.4145, 14.1169, 16.2700

Complementary

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



14.7844, 14.1169, 20.6845



16.2424, 18.6165, 15.0498

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.



11.5307, 14.1169, 13.2195



14.7844, 14.1169, 20.6845



13.1120, 14.1169, 10.0810

Square

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



14.7844, 14.1169, 20.6845



15.1634, 14.1169, 11.8853



12.1379, 14.1169, 11.0554



11.8114, 14.1169, 19.4790

Rectangle

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



14.7844, 14.1169, 20.6845



15.6662, 14.1169, 15.5532



12.1379, 14.1169, 11.0554



11.3953, 14.1169, 15.1900

Sweetspot

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



14.7848, 14.1175, 20.6848



31.4933, 32.3131, 38.1338



14.8587, 16.0298, 21.0500



7.3596, 7.5288, 8.9684



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.



14.7848, 14.1175, 20.6848



25.1784, 23.4900, 36.7636



16.2411, 14.8682, 20.7530



3.9546, 3.9745, 5.0019



5.3742, 2.3432, 19.5543



24.6794, 10.6847, 93.2314

Inverse Universe

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



15.8031, 14.7111, 17.6298



27.3409, 24.7512, 30.2522



14.9232, 17.9365, 14.9881



4.0812, 4.0482, 4.6253



9.4983, 4.7755, 5.9148



44.8739, 22.6059, 25.9297

Previews

White Background



This preview shows how the XYZ color 14.7844, 14.1169, 20.6845 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 14.7844, 14.1169, 20.6845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

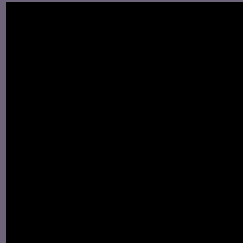
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7844, 14.1169, 20.6845

Background



This preview shows how black text looks on a background with the XYZ color 14.7844, 14.1169, 20.6845.



This preview shows how white text looks on a background with the XYZ color 14.7844, 14.1169,

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

14.7844, 14.1169, 20.6845

Protanopia

14.0188, 14.1480, 21.3940

Deuteranopia

14.4888, 14.2564, 20.7270



Tritanopia

14.0262, 14.0994, 17.0211

Trichromacy



Original Color

14.7844, 14.1169, 20.6845

Protanomaly

14.3140, 14.1590, 21.0473

Deuteranomaly

14.5109, 14.1209, 20.6997

Tritanomaly

14.2763, 14.0555, 18.1802

Monochromacy



Original Color

14.7844, 14.1169, 20.6845

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0593, 14.2586, 17.3404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7844, 14.1169, 20.6845 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(111, 101, 123)` looks like.

```
.text, #text, p{  
    color:rgb(111, 101, 123)  
}
```

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(111, 101, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 101, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.7844, 14.1169, 20.6845 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(111, 101, 123) }
```


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

```
.border{ border-color:rgb(111, 101, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 101, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 101, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 101, 123);  
box-shadow:4px 4px 4px 4px rgb(111, 101,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7844, 14.1169, 20.6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 101, 123) }
```

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

```
.background{ background-color: rgb(111,  
101, 123) }
```

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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