

Converting Colors

XYZ(14.6948, 14.8427, 24.7927)

Have a look what the booklet for
XYZ(14.6948, 14.8427, 24.7927)
contains.

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Color

**XYZ(14.7064, 14.8893,
24.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	636B86
RGB	99, 107, 134
RGB Percent	39%, 42%, 53%
CMY	0.6118, 0.5804, 0.4745
CMYK	0.26, 0.20, 0.00, 0.47
HSL	226°, 15%, 46%
HSV	226°, 26%, 53%
XYZ	14.7064, 14.8893, 24.6531
YIQ	107.6860, -13.4350, 6.7010

Conversions

Conversions Part 2

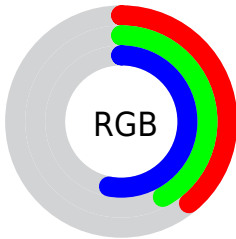
Format	Color
R_{YB}	99, 106, 134
Decimal	6515590
CIE _{Lab}	45.48, 3.42, -15.90
CIE _{LCh}	45, 16.259, 282.134
Yxy	14.8893, 0.2711, 0.2745
Android (android.graphics.Color)	4284705670 (0xFF636B86)
YUV	107.6860, 12.9728, -7.6176
Hunter-Lab	38.5867, 0.5044, -10.8699

Details

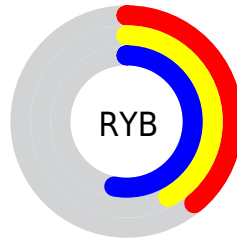
The XYZ color **14.7064, 14.8893, 24.6531** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.5448, 20.8911, 14.8071**, and the grayscale version is **14.1340, 14.8701, 16.1935**.

A 20% lighter version of the original color is **33.7742, 34.5256, 51.8977**, and **4.5813, 4.5756, 9.0292** is the 20% darker color. If you saturate the color by 10%, you get **12.3482, 12.1685, 24.2525**, and if you desaturate by 10%, it is **17.4374, 17.9942, 25.1087**.

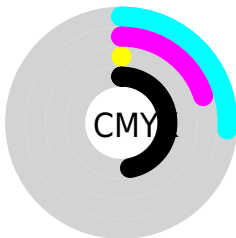
Distribution



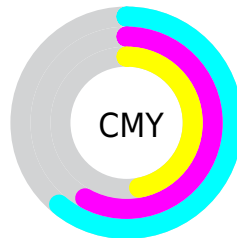
- Red (39%)
- Green (42%)
- Blue (53%)



- Red (39%)
- Yellow (42%)
- Blue (53%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (47%)



- Cyan (61%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7064, 14.8893, 24.6531 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 14.7064, 14.8893, 24.6531 by changing the saturation by 10% instead.

■ 14.7064, 14.8893,
24.6531

■ 14.7064, 14.8893,
24.6531

215.0060,
222.6952, 289.4981

■ 8.6986, 8.7417,
15.6021

■ 33.9132, 34.6589,
52.0510

■ 4.6006, 4.5731,
9.0918

■ 47.8429, 49.0496,
71.2350

■ 2.0472, 1.9990,
4.7035

■ 65.1438, 66.9570,
94.6338

■ 0.6603, 0.6069,
2.0187

■ 86.1815, 88.7652,
122.6659

■ 0.0000, 0.0000,
0.5667

111.3212,
114.8587, 155.7498

■ 0.0000, 0.0000,
0.0000

140.9283,

145.6220, 194.3041

175.3681,
181.4393, 238.7474

■ 14.7064, 14.8893,
24.6531

■ 14.7064, 14.8893,
24.6531

■ 12.3482, 12.1685,
24.2525

■ 17.4374, 17.9942,
25.1087

■ 10.3448, 9.8149,
23.9038

■ 20.5552, 21.4959,
25.6203

■ 8.6789, 7.8127,
23.6051

■ 24.0747, 25.4084,
26.1900

■ 7.3312, 6.1445,
23.3541

■ 28.0099, 29.7447,
26.8196

■ 6.2802, 4.7910,
23.1483

■ 32.3739, 34.5173,
27.5107

■ 5.5016, 3.7310,
22.9847

■ 37.1791, 39.7378,
28.2652

■ 4.9588, 2.9360,
22.8599

■ 42.4376, 45.4178,
29.0843

■ 4.7835, 2.6821,
22.8201

■ 48.1611, 51.5682,
29.9698

■ 54.3605, 58.1996,
30.9231

Harmonies

Analogous

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



13.3677, 14.8893, 24.3986



14.7064, 14.8893, 24.6531



15.9721, 14.8893, 22.3969

Triad

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



14.7064, 14.8893, 24.6531



16.1726, 14.8893, 11.7048



11.8147, 14.8893, 14.0293

Complementary

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



14.7064, 14.8893, 24.6531



19.5448, 20.8911, 14.8071

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.



12.4754, 14.8893, 11.2854



14.7064, 14.8893, 24.6531



14.9661, 14.8893, 10.0981

Square

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



14.7064, 14.8893, 24.6531



16.8541, 14.8893, 14.6940



13.6114, 14.8893, 9.9579



11.7550, 14.8893, 17.8309

Rectangle

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



14.7064, 14.8893, 24.6531



16.5816, 14.8893, 19.9546



13.6114, 14.8893, 9.9579



11.9718, 14.8893, 12.9692

Sweetspot

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



14.7069, 14.8899, 24.6534



35.0284, 36.5453, 44.9462



17.4262, 21.2053, 22.8572



7.7219, 8.0433, 10.0982



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.7069, 14.8899, 24.6534



23.5206, 23.4850, 43.0318



14.9903, 13.8545, 24.4386



4.5145, 4.7046, 5.8709



4.4901, 2.5279, 21.3880



0.0203, 0.0182, 0.0757

Inverse Universe

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



16.9476, 15.0540, 15.9231



28.1565, 23.9420, 24.9433



19.1864, 22.2863, 15.0953



4.7130, 4.7049, 5.1009



9.4445, 4.8421, 1.6470



0.0351, 0.0177, 0.0183

Previews

White Background



This preview shows how the XYZ color 14.7064, 14.8893, 24.6531 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 14.7064, 14.8893, 24.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

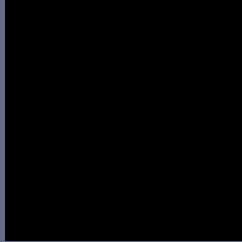
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

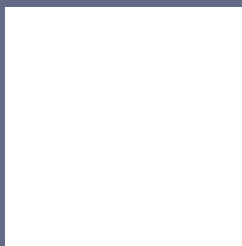
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7064, 14.8893, 24.6531

Background



This preview shows how black text looks on a background with the XYZ color 14.7064, 14.8893, 24.6531.



This preview shows how white text looks on a background with the XYZ color 14.7064, 14.8893,

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

14.7064, 14.8893, 24.6531

Protanopia

14.8239, 14.7960, 24.6289

Deuteranopia

15.0636, 14.7674, 24.6107



Tritanopia

13.6698, 14.9467, 19.3041

Trichromacy



Original Color

14.7064, 14.8893, 24.6531

Protanomaly

14.7126, 14.7386, 24.6237

Deuteranomaly

14.9366, 14.8541, 24.6341

Tritanomaly

14.0365, 14.9339, 21.2115

Monochromacy



Original Color

14.7064, 14.8893, 24.6531

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3991, 15.0127, 18.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7064, 14.8893, 24.6531 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, 107, 134) looks like.

```
.text, #text, p{  
    color:rgb(99, 107, 134)  
}
```

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, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 107, 134) }
```

Border

The CSS property to change the border of an element to XYZ 14.7064, 14.8893, 24.6531 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, 107, 134) }
```


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

```
.border{ border-color:rgb(99, 107, 134) }
```

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

Here you see how a box with a 4 pixel rgb(99, 107, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 107, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 107, 134);  
box-shadow:4px 4px 4px 4px rgb(99, 107,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7064, 14.8893, 24.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 107, 134) }
```

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

```
.background{ background-color: rgb(99, 107,  
134) }
```

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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