

Converting Colors

XYZ(14.7181, 14.1356, 24.8744)

Have a look what the booklet for
XYZ(14.7181, 14.1356, 24.8744)
contains.

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Color

**XYZ(14.7181, 14.1356,
24.8744)**

Conversions

Conversions Part 1

Format	Color
Hex	676687
RGB	103, 102, 135
RGB Percent	40%, 40%, 53%
CMY	0.5961, 0.6000, 0.4706
CMYK	0.24, 0.24, 0.00, 0.47
HSL	242°, 14%, 46%
HSV	242°, 24%, 53%
XYZ	14.7181, 14.1356, 24.8744
YIQ	106.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

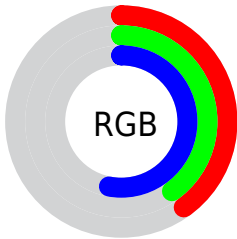
Format	Color
RYB	103, 102, 135
Decimal	6776455
CIELab	44.43, 8.04, -18.08
CIElCh	44, 19.785, 293.970
Yxy	14.1356, 0.2739, 0.2631
Android (android.graphics.Color)	4284966535 (0xFF676687)
YUV	106.0610, 14.2669, -2.6845
Hunter-Lab	37.5973, 4.0814, -12.9081

Details

The XYZ color **14.7181, 14.1356, 24.8744** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.8942, 23.3559, 15.9779**, and the grayscale version is **13.6808, 14.3933, 15.6743**.

A 20% lighter version of the original color is **33.9859, 33.3819, 52.2290**, and **4.5814, 4.2005, 9.1636** is the 20% darker color. If you saturate the color by 10%, you get **12.1121, 10.9807, 24.4030**, and if you desaturate by 10%, it is **17.7762, 17.8450, 25.4294**.

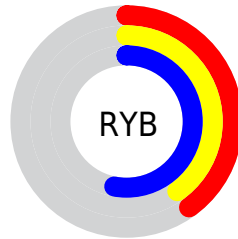
Distribution



Red (40%)

Green (40%)

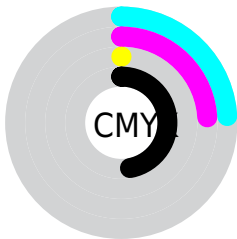
Blue (53%)



Red (40%)

Yellow (40%)

Blue (53%)

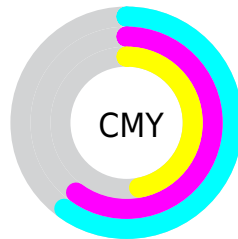


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (47%)



Cyan (60%)

Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7181, 14.1356, 24.8744 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 14.7181, 14.1356, 24.8744 by changing the saturation by 10% instead.

■ 14.7181, 14.1356,
24.8744

■ 14.7181, 14.1356,
24.8744

215.0759,
218.0728, 290.6395

■ 8.7068, 8.2150,
15.7653

■ 33.9336, 33.3294,
52.4150

■ 4.6060, 4.2329,
9.2057

■ 47.8685, 47.3715,
71.6836

■ 2.0504, 1.8047,
4.7770

■ 65.1754, 64.8895,
95.1758

■ 0.6620, 0.4901,
2.0606

■ 86.2195, 86.2679,
123.3101

■ 0.0000, 0.0000,
0.5921

111.3663,
111.8910, 156.5051

■ 0.0000, 0.0000,
0.0000

140.9810,

142.1433, 195.1793

175.4291,
177.4091, 239.7512

■ 14.7181, 14.1356,
24.8744

■ 14.7181, 14.1356,
24.8744

■ 12.1121, 10.9807,
24.4030

■ 17.7762, 17.8450,
25.4294

■ 9.9355, 8.3520,
24.0104

■ 21.3051, 22.1320,
26.0709

■ 8.1656, 6.2215,
23.6924

■ 25.3238, 27.0203,
26.8027

■ 6.7773, 4.5578,
23.4445

■ 29.8501, 32.5320,
27.6279

■ 5.7424, 3.3257,
23.2612

■ 34.9009, 38.6878,
28.5499

■ 5.0290, 2.4855,
23.1366

■ 40.4923, 45.5076,
29.5716

■ 4.5975, 1.9858,
23.0629

■ 46.6395, 53.0106,
30.6958

■ 4.4244, 1.7757,
23.0315

■ 53.3574, 61.2149,
31.9253

■ 60.6602, 70.1381,
33.2628

Harmonies

Analogous

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



13.1164, 14.1356, 25.8618



14.7181, 14.1356, 24.8744



16.0667, 14.1356, 21.1466

Triad

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



14.7181, 14.1356, 24.8744



15.3181, 14.1356, 9.3333



10.6149, 14.1356, 14.4884

Complementary

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



14.7181, 14.1356, 24.8744



20.8942, 23.3559, 15.9779

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.



11.1084, 14.1356, 10.7882



14.7181, 14.1356, 24.8744



13.7597, 14.1356, 8.2143

Square

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



14.7181, 14.1356, 24.8744



16.4318, 14.1356, 12.0967



12.2296, 14.1356, 8.6888



10.8275, 14.1356, 19.2355

Rectangle

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



14.7181, 14.1356, 24.8744



16.5982, 14.1356, 17.9418



12.2296, 14.1356, 8.6888



10.7024, 14.1356, 13.0947

Sweetspot

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



14.7186, 14.1362, 24.8747



36.3527, 37.4457, 46.3601



18.4405, 21.7493, 26.1480



8.3474, 8.5852, 10.7235



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.7186, 14.1362, 24.8747



23.8293, 22.2522, 44.0875



16.7396, 15.1781, 24.9693



4.4465, 4.5508, 5.8448



4.0819, 1.6385, 21.2378



0.0149, 0.0061, 0.0736

Inverse Universe

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



19.0465, 16.3754, 24.7116



32.8967, 26.9442, 43.7183



18.5271, 22.1357, 15.8671



4.8520, 4.7605, 5.8327



12.9866, 6.2590, 20.2998



0.0455, 0.0219, 0.0728

Previews

White Background



This preview shows how the XYZ color 14.7181, 14.1356, 24.8744 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 14.7181, 14.1356, 24.8744 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 14.7181, 14.1356, 24.8744

Background



This preview shows how black text looks on a background with the XYZ color 14.7181, 14.1356, 24.8744.



This preview shows how white text looks on a background with the XYZ color 14.7181, 14.1356,

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

14.7181, 14.1356, 24.8744

Protanopia

14.2181, 14.1650, 25.2773

Deuteranopia

14.3690, 14.1024, 24.8864



Tritanopia

13.3369, 14.1756, 17.9528

Trichromacy



Original Color

14.7181, 14.1356, 24.8744

Protanomaly

14.4398, 14.1307, 25.2590

Deuteranomaly

14.4790, 14.1591, 24.8915

Tritanomaly

13.8200, 14.2176, 20.4282

Monochromacy



Original Color

14.7181, 14.1356, 24.8744

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0882, 14.3908, 18.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7181, 14.1356, 24.8744 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(103, 102, 135)` looks like.

```
.text, #text, p{  
    color:rgb(103, 102, 135)  
}
```

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(103, 102, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 102, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.7181, 14.1356, 24.8744 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(103, 102, 135) }
```


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

```
.border{ border-color:rgb(103, 102, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 102, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 102, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 102, 135);  
box-shadow:4px 4px 4px 4px rgb(103, 102,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7181, 14.1356, 24.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 102, 135) }
```

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

```
.background{ background-color: rgb(103,  
102, 135) }
```

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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