

Converting Colors

XYZ(15.2644, 13.7236, 24.0346)

Have a look what the booklet for
XYZ(15.2644, 13.7236, 24.0346)
contains.

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Color

**XYZ(15.3184, 13.7536,
24.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	716185
RGB	113, 97, 133
RGB Percent	44%, 38%, 52%
CMY	0.5569, 0.6196, 0.4784
CMYK	0.15, 0.27, 0.00, 0.48
HSL	267°, 16%, 45%
HSV	267°, 27%, 52%
XYZ	15.3184, 13.7536, 24.0376
YIQ	105.8880, -2.0200, 14.5880

Conversions

Conversions Part 2

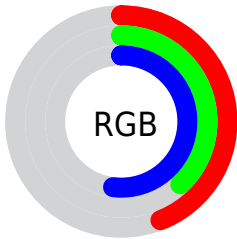
Format	Color
R_{YB}	113, 97, 133
Decimal	7430533
CIE _{Lab}	43.88, 14.01, -17.64
CIE _{LCh}	44, 22.524, 308.453
Yxy	13.7536, 0.2884, 0.2590
Android (android.graphics.Color)	4285620613 (0xFF716185)
YUV	105.8880, 13.3662, 6.2372
Hunter-Lab	37.0858, 8.8296, -12.4694

Details

The XYZ color **15.3184, 13.7536, 24.0376** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.8818, 21.4204, 14.5020**, and the grayscale version is **13.6343, 14.3444, 15.6210**.

A 20% lighter version of the original color is **34.9699, 32.7243, 50.9277**, and **4.9251, 4.1160, 8.7185** is the 20% darker color. If you saturate the color by 10%, you get **13.2788, 11.0285, 23.6193**, and if you desaturate by 10%, it is **17.6423, 16.9318, 24.5288**.

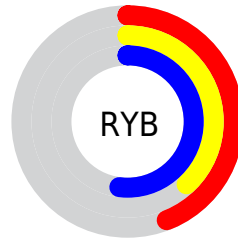
Distribution



Red (44%)

Green (38%)

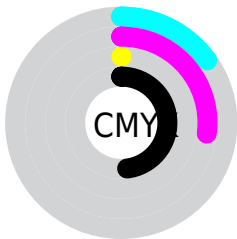
Blue (52%)



Red (44%)

Yellow (38%)

Blue (52%)

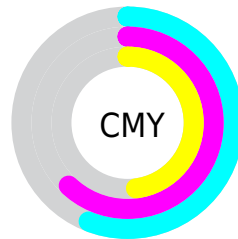


Cyan (15%)

Magenta (27%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3184, 13.7536, 24.0376 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 15.3184, 13.7536, 24.0376 by changing the saturation by 10% instead.

■ 15.3184, 13.7536,
24.0376

■ 15.3184, 13.7536,
24.0376

218.6358,
215.6925, 286.3032

■ 9.1309, 7.9495,
15.1491

■ 34.9779, 32.6512,
51.0362

■ 4.8845, 4.0626,
8.7763

■ 49.1806, 46.5135,
69.9832

■ 2.2137, 1.7087,
4.5007

■ 66.7857, 63.8306,
93.1203

■ 0.7499, 0.4293,
1.9039

■ 88.1587, 84.9869,
120.8657

■ 0.0000, 0.0000,
0.4952

113.6648,
110.3669, 153.6382

■ 0.0000, 0.0000,
0.0000

143.6695,

140.3549, 191.8563

178.5380,
175.3353, 235.9384

■ 15.3184, 13.7536,
24.0376

■ 15.3184, 13.7536,
24.0376

■ 13.2788, 11.0285,
23.6193

■ 17.6423, 16.9318,
24.5288

■ 11.5102, 8.7334,
23.2695

■ 20.2606, 20.5815,
25.0953

■ 9.9999, 6.8456,
22.9848

■ 23.1844, 24.7221,
25.7404

■ 8.7337, 5.3395,
22.7608

■ 26.4237, 29.3712,
26.4670

■ 7.6957, 4.1864,
22.5929

■ 29.9882, 34.5458,
27.2779

6.8679, 3.3537,
22.4758

33.8872, 40.2619,
28.1758

6.2176, 2.7791,
22.3992

38.1294, 46.5349,
29.1630

6.0438, 2.6266,
22.3789

42.7232, 53.3796,
30.2420

47.6770, 60.8101,
31.4152

Harmonies

Analogous

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



13.5820, 13.7536, 26.9137



15.3184, 13.7536, 24.0376



16.5212, 13.7536, 18.8713

Triad

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



15.3184, 13.7536, 24.0376



14.3701, 13.7536, 7.5833



9.9708, 13.7536, 16.4630

Complementary

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



15.3184, 13.7536, 24.0376



17.8818, 21.4204, 14.5020

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.



10.1404, 13.7536, 11.6562



15.3184, 13.7536, 24.0376



12.5757, 13.7536, 7.2217

Square

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



15.3184, 13.7536, 24.0376



15.9400, 13.7536, 9.6694



11.0574, 13.7536, 8.5361



10.5711, 13.7536, 21.9354

Rectangle

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



15.3184, 13.7536, 24.0376



16.8008, 13.7536, 15.2414



11.0574, 13.7536, 8.5361



9.9409, 13.7536, 14.7123

Sweetspot

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



15.3188, 13.7542, 24.0379



35.7324, 36.0848, 44.8202



15.5719, 17.0514, 24.6610



7.9041, 7.9249, 10.0658



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.



15.3188, 13.7542, 24.0379



25.3035, 21.7704, 42.6069



17.8070, 15.0368, 24.1543



4.6164, 4.6383, 5.8527



5.7658, 2.5066, 21.3166



0.0282, 0.0129, 0.0742

Inverse Universe

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



17.1589, 14.8209, 18.7866



29.1943, 24.0277, 31.4239



15.7351, 20.3137, 14.4016



4.7728, 4.7288, 5.4158



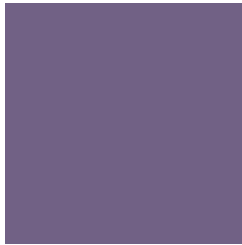
10.3915, 5.2210, 6.6341



0.0397, 0.0196, 0.0424

Previews

White Background



This preview shows how the XYZ color 15.3184, 13.7536, 24.0376 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 15.3184, 13.7536, 24.0376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

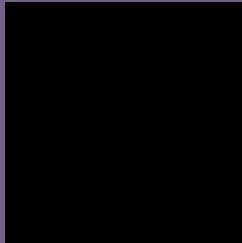
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3184, 13.7536, 24.0376

Background



This preview shows how black text looks on a background with the XYZ color 15.3184, 13.7536, 24.0376.



This preview shows how white text looks on a background with the XYZ color 15.3184, 13.7536,

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

15.3184, 13.7536, 24.0376

Protanopia

13.9817, 13.8863, 25.6103

Deuteranopia

14.0618, 13.8213, 23.7564



Tritanopia

13.7207, 13.6627, 16.3820

Trichromacy



Original Color

15.3184, 13.7536, 24.0376

Protanomaly

14.4644, 13.8516, 25.2038

Deuteranomaly

14.4309, 13.7233, 23.7181

Tritanomaly

14.2576, 13.7373, 19.0397

Monochromacy



Original Color

15.3184, 13.7536, 24.0376

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.3093, 14.2127, 18.5121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3184, 13.7536, 24.0376 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(113, 97, 133)` looks like.

```
.text, #text, p{  
    color:rgb(113, 97, 133)  
}
```

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(113, 97, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 97, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.3184, 13.7536, 24.0376 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(113, 97, 133) }
```


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

```
.border{ border-color:rgb(113, 97, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 97, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 97, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 97, 133);  
box-shadow:4px 4px 4px 4px rgb(113, 97,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3184, 13.7536, 24.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 97, 133) }
```

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

```
.background{ background-color: rgb(113, 97,  
133) }
```

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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