

Converting Colors

XYZ(15.1384, 15.4248, 24.7337)

Have a look what the booklet for
XYZ(15.1384, 15.4248, 24.7337)
contains.

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Color

**XYZ(15.1385, 15.4252,
24.7337)**

Conversions

Conversions Part 1

Format	Color
Hex	656D86
RGB	101, 109, 134
RGB Percent	40%, 43%, 53%
CMY	0.6039, 0.5725, 0.4745
CMYK	0.25, 0.19, 0.00, 0.47
HSL	225°, 14%, 46%
HSV	225°, 25%, 53%
XYZ	15.1385, 15.4252, 24.7337
YIQ	109.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

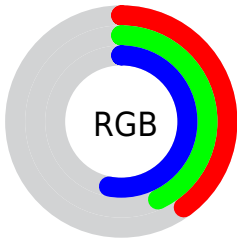
Format	Color
R_{YB}	101, 107, 134
Decimal	6647174
CIE Lab	46.21, 2.88, -14.77
CIE LCh	46, 15.049, 281.029
Yxy	15.4252, 0.2738, 0.2789
Android (android.graphics.Color)	4284837254 (0xFF656D86)
YUV	109.4580, 12.0992, -7.4177
Hunter-Lab	39.2749, 0.0716, -9.8459

Details

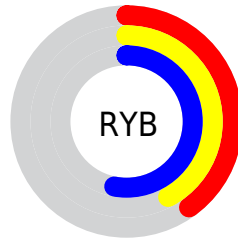
The XYZ color **15.1385, 15.4252, 24.7337** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.6414, 20.9295, 15.3168**, and the grayscale version is **14.6356, 15.3978, 16.7682**.

A 20% lighter version of the original color is **34.4893, 35.4049, 52.0297**, and **4.7911, 4.8422, 9.0696** is the 20% darker color. If you saturate the color by 10%, you get **12.7377, 12.6721, 24.3291**, and if you desaturate by 10%, it is **17.9100, 18.5558, 25.1922**.

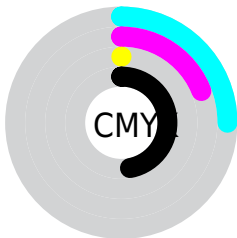
Distribution



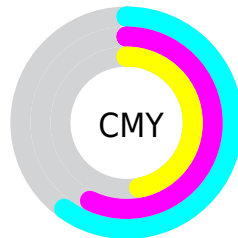
- Red (40%)
- Green (43%)
- Blue (53%)



- Red (40%)
- Yellow (42%)
- Blue (53%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (60%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1385, 15.4252, 24.7337 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 15.1385, 15.4252, 24.7337 by changing the saturation by 10% instead.

■ 15.1385, 15.4252,
24.7337

■ 15.1385, 15.4252,
24.7337

217.5748,
225.9256, 289.9142

■ 9.0036, 9.1183,
15.6616

■ 34.6656, 35.5974,
52.1836

■ 4.8007, 4.8185,
9.1332

■ 48.7886, 50.2315,
71.3985

■ 2.1643, 2.1411,
4.7302

■ 66.3049, 68.4102,
94.8313

■ 0.7238, 0.6876,
2.0339

■ 87.5800, 90.5178,
122.9007

■ 0.0000, 0.0000,
0.5760

112.9791,
116.9388, 156.0251

■ 0.0000, 0.0000,
0.0000

142.8678,

148.0575, 194.6232

177.6112,
184.2583, 239.1134

■ 15.1385, 15.4252,
24.7337

■ 15.1385, 15.4252,
24.7337

■ 12.7377, 12.6721,
24.3291

■ 17.9100, 18.5558,
25.1922

■ 10.6902, 10.2801,
23.9753

■ 21.0658, 22.0759,
25.7053

■ 8.9790, 8.2342,
23.6706

■ 24.6206, 25.9991,
26.2752

■ 7.5853, 6.5178,
23.4127

■ 28.5880, 30.3377,
26.9035

■ 6.4884, 5.1125,
23.1993

■ 32.9807, 35.1039,
27.5919

■ 5.6649, 3.9982,
23.0276

■ 37.8111, 40.3088,
28.3420

■ 5.0846, 3.1505,
22.8946

■ 43.0909, 45.9635,
29.1552

■ 4.8329, 2.7809,
22.8365

■ 48.8314, 52.0786,
30.0330

■ 55.0436, 58.6642,
30.9767

Harmonies

Analogous

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



13.8733, 15.4252, 24.4071



15.1385, 15.4252, 24.7337



16.3420, 15.4252, 22.7128

Triad

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



15.1385, 15.4252, 24.7337



16.6033, 15.4252, 12.5691



12.4485, 15.4252, 14.6004

Complementary

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



15.1385, 15.4252, 24.7337



19.6414, 20.9295, 15.3168

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.



13.0998, 15.4252, 12.0070



15.1385, 15.4252, 24.7337



15.4784, 15.4252, 10.9578

Square

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



15.1385, 15.4252, 24.7337



17.2199, 15.4252, 15.4790



14.1940, 15.4252, 10.7683



12.3694, 15.4252, 18.1845

Rectangle

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



15.1385, 15.4252, 24.7337



16.9285, 15.4252, 20.4576



14.1940, 15.4252, 10.7683



12.6059, 15.4252, 13.5987

Sweetspot

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



15.1390, 15.4258, 24.7341



35.6446, 37.2613, 45.0519



17.6420, 21.3171, 22.8392



7.9721, 8.3298, 10.1403



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.



15.1390, 15.4258, 24.7341



24.0443, 24.1734, 43.1371



15.2945, 14.2960, 24.5078



4.5194, 4.7145, 5.8725



4.5366, 2.6211, 21.4035



0.0207, 0.0190, 0.0758

Inverse Universe

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



17.2459, 15.4802, 16.5477



28.5084, 24.4182, 25.7624



19.4417, 22.4067, 15.6125



4.7155, 4.7059, 5.1140



9.4680, 4.8515, 1.7709



0.0353, 0.0178, 0.0193

Previews

White Background



This preview shows how the XYZ color 15.1385, 15.4252, 24.7337 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 15.1385, 15.4252, 24.7337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

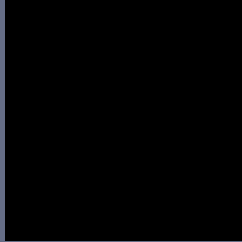
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

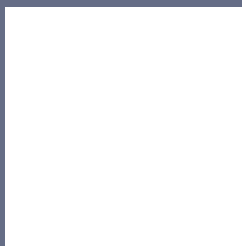
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1385, 15.4252, 24.7337

Background



This preview shows how black text looks on a background with the XYZ color 15.1385, 15.4252, 24.7337.



This preview shows how white text looks on a background with the XYZ color 15.1385, 15.4252,

24.7337.

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

15.1385, 15.4252, 24.7337

Protanopia

15.3746, 15.3894, 24.7144

Deuteranopia

15.6242, 15.3624, 24.6960



Tritanopia

14.1116, 15.3216, 19.9829

Trichromacy



Original Color

15.1385, 15.4252, 24.7337

Protanomaly

15.2592, 15.3299, 24.7090

Deuteranomaly

15.4913, 15.4496, 24.7198

Tritanomaly

14.4232, 15.2852, 21.5922

Monochromacy



Original Color

15.1385, 15.4252, 24.7337

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6825, 15.3095, 19.3207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1385, 15.4252, 24.7337 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(101, 109, 134)` looks like.

```
.text, #text, p{  
    color:rgb(101, 109, 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(101, 109, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 109, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.1385, 15.4252, 24.7337 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(101, 109, 134) }
```


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

```
.border{ border-color:rgb(101, 109, 134) }
```

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

Here you see how a box with a 4 pixel rgb(101, 109, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 109, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 109, 134);  
box-shadow:4px 4px 4px 4px rgb(101, 109,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1385, 15.4252, 24.7337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 109, 134) }
```

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

```
.background{ background-color: rgb(101,  
109, 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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