

Converting Colors

XYZ(15.0599, 14.3345, 20.8702)

Have a look what the booklet for
XYZ(15.0599, 14.3345, 20.8702)
contains.

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Color

**XYZ(15.1366, 14.4435,
20.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	71667B
RGB	113, 102, 123
RGB Percent	44%, 40%, 48%
CMY	0.5569, 0.6000, 0.5176
CMYK	0.08, 0.17, 0.00, 0.52
HSL	271°, 9%, 44%
HSV	271°, 17%, 48%
XYZ	15.1366, 14.4435, 20.7290
YIQ	107.6830, -0.1850, 8.8630

Conversions

Conversions Part 2

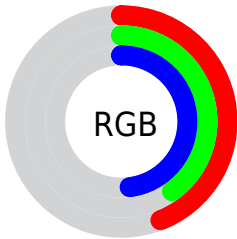
Format	Color
R_{YB}	113, 102, 123
Decimal	7431803
CIE Lab	44.86, 8.68, -10.12
CIE LCh	45, 13.333, 310.627
Yxy	14.4435, 0.3009, 0.2871
Android (android.graphics.Color)	4285621883 (0xFF71667B)
YUV	107.6830, 7.5513, 4.6630
Hunter-Lab	38.0046, 4.5855, -5.7356

Details

The XYZ color **15.1366, 14.4435, 20.7290** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1638, 18.5703, 15.3035**, and the grayscale version is **14.1451, 14.8818, 16.2063**.

A 20% lighter version of the original color is **34.6461, 33.8769, 45.2703**, and **4.7822, 4.3506, 7.0663** is the 20% darker color. If you saturate the color by 10%, you get **13.2870, 11.8270, 20.3217**, and if you desaturate by 10%, it is **17.2151, 17.4450, 21.1990**.

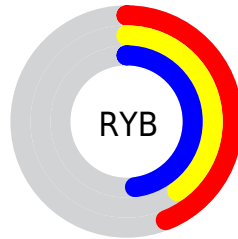
Distribution



Red (44%)

Green (40%)

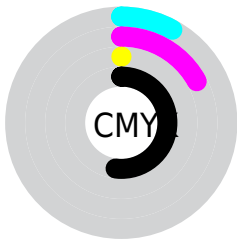
Blue (48%)



Red (44%)

Yellow (40%)

Blue (48%)

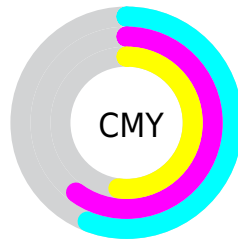


Cyan (8%)

Magenta (17%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (60%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1366, 14.4435, 20.7290 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 15.1366, 14.4435, 20.7290 by changing the saturation by 10% instead.

■ 15.1366, 14.4435,
20.7290

■ 15.1366, 14.4435,
20.7290

217.5636,
219.9727, 268.5683

■ 9.0023, 8.4298,
12.7367

■ 34.6623, 33.8739,
45.5110

■ 4.7998, 4.3712,
7.1189

■ 48.7844, 48.0594,
63.1378

■ 2.1638, 1.8833,
3.4570

■ 66.2998, 65.7375,
84.8132

■ 0.7236, 0.5383,
1.3325

■ 87.5738, 87.2928,
110.9558

■ 0.0000, 0.0000,
0.0882

112.9719,
113.1095, 141.9841

■ 0.0000, 0.0000,
0.0000

142.8593,

143.5722, 178.3165

177.6014,
179.0651, 220.3718

■ 15.1366, 14.4435,
20.7290

■ 15.1366, 14.4435,
20.7290

■ 13.2870, 11.8270,
20.3217

■ 17.2151, 17.4450,
21.1990

■ 11.6563, 9.5776,
19.9734

■ 19.5294, 20.8450,
21.7333

■ 10.2354, 7.6784,
19.6817

■ 22.0878, 24.6584,
22.3345

■ 9.0142, 6.1105,
19.4435

■ 24.8979, 28.8990,
23.0049

■ 7.9817, 4.8534,
19.2553

■ 27.9667, 33.5797,
23.7467

7.1255, 3.8839,
19.1132

31.3010, 38.7130,
24.5617

6.4315, 3.1755,
19.0131

34.9073, 44.3108,
25.4522

5.8707, 2.6715,
18.9454

38.7922, 50.3847,
26.4198

5.7175, 2.5345,
18.9270

42.9615, 56.9458,
27.4665

Harmonies

Analogous

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



14.1177, 14.4435, 22.3846



15.1366, 14.4435, 20.7290



15.7989, 14.4435, 17.8000

Triad

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



15.1366, 14.4435, 20.7290



14.4342, 14.4435, 10.7222



11.7719, 14.4435, 16.8581

Complementary

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



15.1366, 14.4435, 20.7290



16.1638, 18.5703, 15.3035

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.



11.8467, 14.4435, 13.8206



15.1366, 14.4435, 20.7290



13.3457, 14.4435, 10.5399

Square

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



15.1366, 14.4435, 20.7290



15.3788, 14.4435, 12.1373



12.4098, 14.4435, 11.6015



12.2000, 14.4435, 19.9615

Rectangle

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



15.1366, 14.4435, 20.7290



15.9293, 14.4435, 15.6610



12.4098, 14.4435, 11.6015



11.7397, 14.4435, 15.7922

Sweetspot

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



15.1370, 14.4441, 20.7293



31.6014, 32.3688, 38.1389



14.8659, 15.8768, 21.0202



7.3879, 7.5434, 8.9697



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.



15.1370, 14.4441, 20.7293



25.9281, 24.1868, 36.8586



16.4734, 15.1356, 20.6777



3.9793, 3.9872, 5.0031



5.9083, 2.6186, 19.5793



27.1943, 11.9812, 93.3491

Inverse Universe

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



15.8448, 14.8841, 17.3676



27.4350, 25.1232, 29.7169



14.9786, 17.9573, 15.3389



4.0704, 4.0439, 4.5682



9.2526, 4.6772, 4.6213



43.7114, 22.1409, 19.8082

Previews

White Background



This preview shows how the XYZ color 15.1366, 14.4435, 20.7290 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 15.1366, 14.4435, 20.7290 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 15.1366, 14.4435, 20.7290

Background



This preview shows how black text looks on a background with the XYZ color 15.1366, 14.4435, 20.7290.



This preview shows how white text looks on a background with the XYZ color 15.1366, 14.4435,

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

15.1366, 14.4435, 20.7290

Protanopia

14.2327, 14.4086, 21.4330

Deuteranopia

14.8321, 14.5819, 20.7717



Tritanopia

14.4305, 14.4500, 17.3578

Trichromacy



Original Color

15.1366, 14.4435, 20.7290

Protanomaly

14.5323, 14.4200, 21.0862

Deuteranomaly

14.8558, 14.4456, 20.7442

Tritanomaly

14.6847, 14.4062, 18.5297

Monochromacy



Original Color

15.1366, 14.4435, 20.7290

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5651, 14.8153, 17.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1366, 14.4435, 20.7290 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, 102, 123)` looks like.

```
.text, #text, p{  
    color:rgb(113, 102, 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(113, 102, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 102, 123) }
```

Border

The CSS property to change the border of an element to XYZ 15.1366, 14.4435, 20.7290 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, 102, 123) }
```


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

```
.border{ border-color:rgb(113, 102, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 102, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 102, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 102, 123);  
box-shadow:4px 4px 4px 4px rgb(113, 102,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1366, 14.4435, 20.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 102, 123) }
```

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

```
.background{ background-color: rgb(113,  
102, 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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