

Converting Colors

XYZ(15.0908, 16.6437, 20.9439)

Have a look what the booklet for
XYZ(15.0908, 16.6437, 20.9439)
contains.

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Color

**XYZ(15.0138, 16.6052,
20.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	64747A
RGB	100, 116, 122
RGB Percent	39%, 45%, 48%
CMY	0.6078, 0.5451, 0.5216
CMYK	0.18, 0.05, 0.00, 0.52
HSL	196°, 10%, 44%
HSV	196°, 18%, 48%
XYZ	15.0138, 16.6052, 20.8262
YIQ	111.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

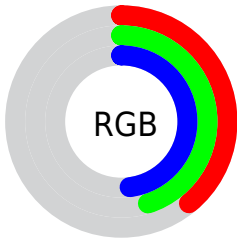
Format	Color
R_{YB}	100, 109, 122
Decimal	6583418
CIE Lab	47.76, -4.54, -5.31
CIE LCh	48, 6.981, 229.458
Yxy	16.6052, 0.2863, 0.3166
Android (android.graphics.Color)	4284773498 (0xFF64747A)
YUV	111.9000, 4.9793, -10.4363
Hunter-Lab	40.7495, -5.5448, -1.7772

Details

The XYZ color **15.0138, 16.6052, 20.8262** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4806, 15.3660, 14.2071**, and the grayscale version is **15.3604, 16.1604, 17.5986**.

A 20% lighter version of the original color is **34.4051, 37.6406, 45.4964**, and **4.7379, 5.3722, 7.0905** is the 20% darker color. If you saturate the color by 10%, you get **13.3877, 15.2082, 20.6425**, and if you desaturate by 10%, it is **16.8568, 18.1353, 21.0247**.

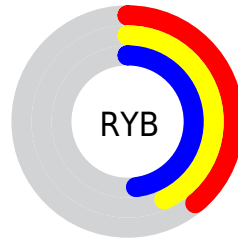
Distribution



Red (39%)

Green (45%)

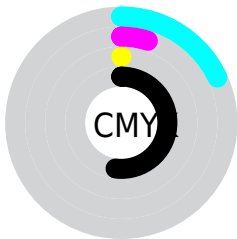
Blue (48%)



Red (39%)

Yellow (43%)

Blue (48%)

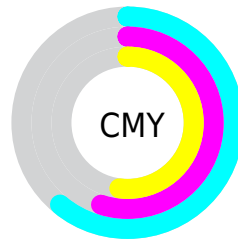


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (52%)



Cyan (61%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0138, 16.6052, 20.8262 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 15.0138, 16.6052, 20.8262 by changing the saturation by 10% instead.

■ 15.0138, 16.6052,
20.8262

■ 15.0138, 16.6052,
20.8262

216.8365,
232.8869, 269.1040

■ 8.9155, 9.9534,
12.8070

■ 34.4488, 37.6457,
45.6751

■ 4.7427, 5.3681,
7.1666

■ 48.5162, 52.8032,
63.3420

■ 2.1303, 2.4648,
3.4865

■ 65.9707, 71.5648,
85.0618

■ 0.7056, 0.8589,
1.3481

■ 87.1776, 94.3148,
111.2530

■ 0.0000, 0.0000,
0.1007

112.5023,
121.4376, 142.3344

■ 0.0000, 0.0000,
0.0000

142.3101,

153.3176, 178.7243

176.9663,
190.3392, 220.8413

■ 15.0138, 16.6052,
20.8262

■ 15.0138, 16.6052,
20.8262

■ 13.3877, 15.2082,
20.6425

■ 16.8568, 18.1353,
21.0247

■ 11.9678, 13.9372,
20.4720

■ 18.9236, 19.8009,
21.2372

■ 10.7449, 12.7878,
20.3146

■ 21.2229, 21.6072,
21.4647

■ 9.7083, 11.7542,
20.1698

■ 23.7623, 23.5582,
21.7074

■ 8.8465, 10.8302,
20.0368

■ 26.5491, 25.6580,
21.9659

■ 8.1464, 10.0089,
19.9152

■ 29.5902, 27.9103,
22.2403

■ 7.5929, 9.2822,
19.8041

■ 32.8923, 30.3187,
22.5311

■ 7.1477, 8.6302,
19.7017

■ 36.4619, 32.8868,
22.8387

■ 7.0632, 8.5057,
19.6821

■ 40.3052, 35.6180,
23.1633

Harmonies

Analogous

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



14.6757, 16.6052, 19.2521



15.0138, 16.6052, 20.8262



15.5637, 16.6052, 21.6825

Triad

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



15.0138, 16.6052, 20.8262



16.9950, 16.6052, 18.7178



15.3855, 16.6052, 15.0230

Complementary

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



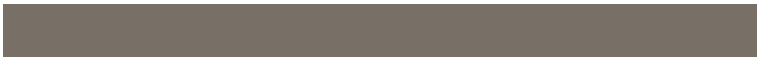
15.0138, 16.6052, 20.8262



15.4806, 15.3660, 14.2071

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.



16.0038, 16.6052, 14.9009



15.0138, 16.6052, 20.8262



16.9442, 16.6052, 16.9569

Square

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



15.0138, 16.6052, 20.8262



16.7145, 16.6052, 20.4129



16.5775, 16.6052, 15.5869



14.8863, 16.6052, 15.9324

Rectangle

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



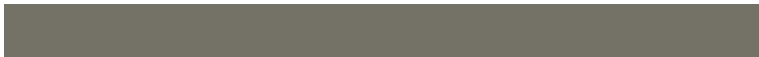
15.0138, 16.6052, 20.8262



15.9812, 16.6052, 21.6952



16.5775, 16.6052, 15.5869



15.5859, 16.6052, 14.8909

Sweetspot

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



15.0143, 16.6059, 20.8266



30.6729, 32.7329, 37.0943



14.8101, 17.6666, 16.2292



6.9680, 7.4476, 8.4770



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.0143, 16.6059, 20.8266



25.0808, 28.0800, 36.4910



13.8340, 14.2453, 20.4331



4.0190, 4.3364, 5.0684



7.4292, 8.9408, 20.7195



34.7021, 41.1767, 98.5887

Inverse Universe

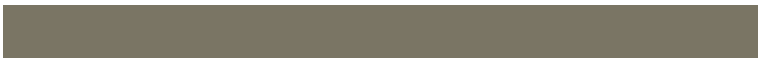
The Inverse Universe completely reimagines the original color for something new.



15.7360, 14.5133, 18.4956



26.6369, 23.6819, 31.4403



16.6724, 17.7496, 14.6043



4.1101, 4.0597, 4.7773



10.3332, 5.1094, 10.3117



48.9191, 24.2240, 47.2317

Previews

White Background



This preview shows how the XYZ color 15.0138, 16.6052, 20.8262 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 15.0138, 16.6052, 20.8262 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

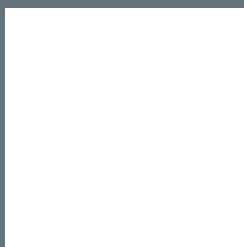
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0138, 16.6052, 20.8262

Background



This preview shows how black text looks on a background with the XYZ color 15.0138, 16.6052, 20.8262.



This preview shows how white text looks on a background with the XYZ color 15.0138, 16.6052,

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

15.0138, 16.6052, 20.8262

Protanopia

15.9944, 16.4551, 20.1025

Deuteranopia

16.7588, 16.5039, 21.0412



Tritanopia

15.3139, 16.7382, 21.8257

Trichromacy



Original Color

15.0138, 16.6052, 20.8262

Protanomaly

15.5407, 16.3789, 20.4315

Deuteranomaly

16.0514, 16.4631, 21.0706

Tritanomaly

15.2503, 16.7127, 21.4909

Monochromacy



Original Color

15.0138, 16.6052, 20.8262

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2419, 16.2594, 18.8580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0138, 16.6052, 20.8262 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(100, 116, 122)` looks like.

```
.text, #text, p{  
    color:rgb(100, 116, 122)  
}
```

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(100, 116, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 116, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.0138, 16.6052, 20.8262 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(100, 116, 122) }
```


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

```
.border{ border-color:rgb(100, 116, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 116, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 116, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 116, 122);  
box-shadow:4px 4px 4px 4px rgb(100, 116,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0138, 16.6052, 20.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 116, 122) }
```

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

```
.background{ background-color: rgb(100,  
116, 122) }
```

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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